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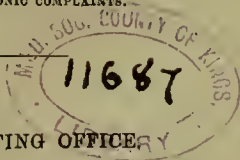
By J. B. CAMPBELL, A. M., M. D.

MEDICAL ELECTRICIAN,

PHYSICIAN FOR DISEASES OF WOMEN, AND ALL CHRONIC COMPLAINTS.

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PREFACE.

The alarming increase of disease, and the failure to cure it by any or all former systems of medical practice ; the untold numbers of sick, diseased and dying around us, who have tried all other systems of treatment in vain, creates an imperative demand for a better and more successful system of practice for the cure of disease. And as the Electro-Hydric Practice is in harmony with nature's laws of health and life, and is the true source of vitality and health, and growth of all living things, and has proved on trial to be a positive cure for all varieties of disease incident to the human family ; and now that that fact has been fully ascertained, and the desire to bestow upon every family and every person the benefit of this successful system of treatment, that all the sick may be cured by it at trifling expense, is my excuse for writing and publishing this book.

Electricity has been employed for many years in the cure of disease, and if it has met with failures, it was on account of the ignorance of the practitioner and the imperfect electric or magnetic machines employed, and no fault of Electricity itself, as has been proved by the complete success obtained with the *perfect* instruments now used. And yet, electricity, in all its forms and uses, is but one half of our system.

Water has been employed in the treatment of diseases in many ways, and with success, by those who understand its

proper uses ; but with all its success, the water treatment is but the other half of our system.

Electricity, the great vital positive, and water, the great vital negative, both united, on the dual or, positive and negative principles of forces in nature, constitute a perfect *whole*, and their union augmenting the power of each more than a thousand fold ; and when we know that disease is either positive or negative, (acute or chronic,) the perfect adaptation of this system is at once understood. The electric herbs and magnetic remedies as assistants, making the system complete, and meeting every indication of disease, easily understood and employed by every person. The system being new, and nothing having been before written on the subject, makes this book an absolute necessity.

The treatise on diseases of women, and their complete cure by the Electro-Hydric Practice, is of itself ample reason for publishing this book.

The illustrations in Electricity, Galvanism, Chemistry and Magnetism, etc. etc. will be interesting and instructive to all ; and the beauty of all is, that the book conveys so much in a small space, its motto being *multum in parvo*, and all in plain language, free from technicalities and ambiguous phrases, suitable to the comprehension of the common people, for whose benefit it is written.

This little book is designed to do a great deal of good, and if it accomplishes what is expected of it, its author will be amply rewarded for the labors of a life time in the promotion of the health of the people, and the good of the race.

Their friend,

J. B. CAMPBELL.

HEALTH.

Our theme is health; health is the subject of impatient inquiry everywhere, it is the all-absorbing topic of the present age, all are seeking for it, but few find it. Health is the grand desideratum of humanity, it is the universal want of all people, in every country, and in every clime, and in every day of the year, and in every period of human life; from the cradle to the grave the cry is, give me health, give me health, and all mankind are groaning and suffering for want of it. The sickly wail is heard from infant lips, from agonizing youth, from undeveloped maturity, from wasted middle life, and from decrepid age.

Everywhere throughout our otherwise prosperous and happy land, the sick, the diseased, and dying are to be found, until our beautiful country has become one vast hospital, one universal nursery; and this state of things has so increased within the limits of the present generation, that the future is horrifying to contemplate. When we look back to the times of our fathers and mothers, and contrast the health of the men and women who then lived, with those who live at this present time; observe the tremendous falling off in the standard of health in the thirty years that is past, and then calculate at

that ratio for the next thirty years to come, and what will then be the condition of the health of the human beings that will then live upon the earth; will they be able to perform any of the duties of life? will they be able to work? will they be able to walk? or shall they be mere pigmies in the scale of being?

Will humanity die out? will it become extinct? will human beings cease to exist?

Already the half of all that are born, now die in infancy and youth, and half of the remaining die before the age of twenty, and the few that are left are more or less sufferers with some disease or other, and die young and fill an early grave; thus none reach full, ripe old age, but all go sooner or later to join the host of early victims gone on before.

It is a fearful thought for humanity to think upon, and forebodes the entire blotting out of the species. In the earlier history of man upon our earth, human beings were healthy and strong, living upon the earth for nearly a thousand years, then passing off as the fully ripe fruit. After the flood the duration of human life was reduced to one hundred and twenty years, and in the days of the kings of Israel it was reduced to seventy years, while now at the present time the average of human life is scarcely thirty years, and mankind are becoming a race of invalids, and fast passing away. Just contrast the men of to-day with those who lived a half century ago, compare the large, athletic frames, the robust constitutions, the iron nerves, the indomitable wills, and the heroic minds of the men who lived "in the

times that tried men's souls;" who endured hunger and thirst, fatigue and hardship, famine and sword, and, amidst the greatest trials and difficulties, achieved American Independence; who conquered the savages, subdued the wild animals, cleared our forests, and made them to blossom as the rose; who cultivated the rugged soil and made it bring forth plenty of food for man and beast; who leveled our mountains, smoothed our plains, constructed our canals and railroads, built our cities, made prosperous our country, and bore westward the march of empire.

These men were our fathers, who handed down to their children the blessings of a free government, the natural boon of a free people. But they have gone, and with them much of their health and strength, and manliness has departed also. What are the men of to-day as compared with those giants of the past; look at the soft hands, smooth skin, weak frame, flabby muscle, pallid countenance, meaningless look, and empty expression of the young men of the present day; how do their crooked spines, loose joints, unshapely frames and emaciated bodies compare with the fully developed, portly masculines of the past generation? and how do their aching bones, contracted muscles, shattered nerves, corrupt blood, and weakly constitutions compare with the stout frames, strong muscles, firm nerves, pure blood, iron constitutions, rosy cheeks and persevering energies of our fathers who conquered the armies of the Queen of the seas, and drove the invaders of our country from our shores; cleared our farms, and

did all the hard work, produced plenty of all the necessities of life, and left us, their children, to live at ease on the fat of the land? And well for us that our fathers provided for us, for what would the kid-gloved young gentry have done if their fathers had not accumulated fortunes for them? where and how would they have procured their fine clothes and other luxuries? But notwithstanding the healthy parentage from which they sprung, and the healthy climate in which they are placed, and the freedom from the sufferings, trials, hardships and fatigues that their fathers endured, and their opportunities for self culture, physically and mentally, yet they are becoming a race of short lived sickly effeminate. Many do not live to the age of twenty-one; they did not possess vitality enough to survive that long, but died as the blasted fruit; and those who do live to maturity are afflicted with some disease or other, and linger out a miserable life, and die early with consumption, or some of the prevailing diseases of this country.

This much and much more might be said of the male sex, who are the strongest, most robust and healthful of the human species. What then might be said of the females, who are commonly and truly called the weaker sex? who among them are well? who of them have even comparative health? There are many diseases that afflict females in common with the sterner sex, but in addition to all of that they suffer with diseases belonging only to their own sex. A distinguished medical writer of New York has said that four out of every five women are afflic-

ted with diseases peculiar to females, and, besides, they have to suffer the natural and unnatural agonies of maternity.

It is heart-rendering, indeed, to look upon the suffering and helpless condition of females in this present age; where is one to be found that is absolutely well? they are not to be found? most all are complaining and suffering with some disease or complaint incident to the climate, season, or condition, or habit, or fashion. Even girls and young women are afflicted, though they may not complain much, as young ladies do not like to seem to be sick, and will try to hide a diseased look under the covering of paint and powder; and when in company, especially of young gentlemen, will try to appear well; yet they are really sick, the canker worm of disease is gnawing away at their vitals, silently but surely undermining the citadel of health, and preparing the way for a life of suffering and misery, or to make ready the victim to fill an early grave. Disease has taken a deep hold on the slender frames and delicate systems of the women of America, and is fast carrying them from off the face of the earth; and those who do linger on and still live are but wrecks of what the female sex once was; but few of them are at all able or fit to be wives or mothers, and seem to be of no earthly use in the scale of being, *mene, mene tekél upharsen* seems to be written over them. Oh women of our proud America how hast thou fallen! how hast thy health, and strength, and beauty, and loveliness, and usefulness departed! and in its stead, disease, deformity, debility, languor and utter helplessness reigns supreme.

In vain you put on appearances, and with paint and powder, and gaudy dress, and fashionable attire, you strain every nerve and muscle, and all the energies of your mind to appear lovely and attractive in the eyes of the lords of creation ; but know you not that what they most prize in the fair sex is health, agreeableness and usefulness, the very opposite of what you now possess ; and nothing but an entire change in your fashions, customs, and habits of life, and a strict observance of the laws of health and life, and a consequent restoration to health and usefulness thereby can make you happy, and a desirable companion for the sterner sex ; and until your habits are changed, and your health restored, you do injustice to yourselves, to your husbands, and to posterity to attempt to become wives or mothers ; and I hope, for the sake of future generations and the well being of community, that you will not burden society with weakly, miserable, puny, and vicious posterity, filling the world with disease, misery, crime and premature death, but will first become healthy yourselves, “for as is the tree, so will be the fruit.”

There is a vast responsibility resting upon the women of the present age, and there is a great deal for them to do ; they are fast declining in health, and loveliness, and usefulness, and something must be done now to turn this tide of death, and save them and posterity from miserable lives and early graves. Women must begin, and begin now, to reform their lives and improve their health, and it will not do to wait, for the stream of death is fast carrying them off. They must now swim or forever sink, now is

the time, for it soon will be forever too late. When we look at the decline in female health in the last generation, or within thirty years, and see how much weaker now the daughters are than their mothers were at the same age, and if the next generation falls off in health as fast as the present one has, we may safely conclude that they will be scarcely able to walk, with hardly vitality enough to breathe, and the next generation would not *appear* at all on this stage of action, there would not be vitality enough in their parents to give them being, and thus the race would disappear from the earth, and creation would be a blank, so far as the human inhabitants of this globe are concerned. It is true that human beings have multiplied and increased upon the earth, but that was in times previous to this, and when people lived natural lives, and had not learned the arts and fashions of luxury and dissipation—had not cultivated the destructive and disease-producing vices of *refined* civilization. The race then had a chance to increase; but now disease and death seem to have obtained the ascendancy, disease is now the rule and health the exception; and it is probable that there are fewer inhabitants on the globe now, than at former periods. It is claimed by some christian writers that there are not as many human beings on the earth now as there were just previous to the deluge; and it is evident that since that time, that whole nations have disappeared from the face of the earth, and no other cause can be assigned for their total destruction, but that of disease—they died with the prevailing diseases of the country. The

early history of our own American continent seems conclusive on that point. When we examine the remains of ancient cities, fortresses, pyramids and mounds, with the many other signs of civilization spread over the western country, affording conclusive evidence that a great, powerful and prosperous nation or nations once lived and flourished upon our continent; but they have gone, and where are they now? not one left to tell the tale, and none of their descendants to be found. We know that they once lived here, and are now gone. They had gone before the Red Man came—the Indians knew nothing about them, they found our continent uninhabited by human beings, but abundance of visible signs of former habitation and civilization were found over the wide spread American continent, but no man was found to claim the uncultivated fields and decaying cities.

We ask again, where have they gone—where are their descendants? and echo answers, where? It is not probable that they moved away to some other part of the world, and left their own prosperous country. It is hardly possible that they could go if they wanted to, as probably there were no ships then, and navigation not understood, and if they had gone, would not their descendants be found in some part of the world and their history unfolded? but nowhere in the world is any descendant to be found? so it is evident that they did not migrate. Or if another powerful nation had invaded their country and destroyed them, would not the descendants of the invaders be here in their place, or at least, be

somewhere to give the history of that event; but no such history is to be found, and some other cause must be sought for their entire disappearance from the earth, and we can come to no other conclusion than that they died with disease, one after another, until there were none left to propagate the species, there being no emigration from other parts of the world as there is now, the same stock marrying and inter-marrying together, each generation became weaker and weaker, until exhausted human nature became unable to reproduce itself, but became sickly and puny, and finally died for the want of health and vitality to live, just as millions of infants die now in our own country.

And no doubt Young America lived *fast* then as it does now; probably young gents of that day smoked cigars, drank intoxicating drinks, and revelled in debauch and dissipation as fast young men do now, until they destroyed their health, undermined their constitutions, and fell victims to consumption or some other prevailing disease of this country, and went early to the semi-suicide's grave. The young ladies, too, the fair creatures of that long gone by day, though beautiful and lovely no doubt, as all young ladies are, (or should be,) but alas! they were vain and wanted to be fashionable, and used all the arts of civilization to appear attractive in the eyes of men. No doubt they laced up their bodies, and deformed nature for the sake of a small waist, and wore thin shoes, low necked dresses and short sleeves, and heavy skirts fastened tight around the waist, thereby bearing down the abdomen and

pressing all its organs out of their place, and rendering the woman a weak miserable sufferer for life.

Their thinly clad feet and bear necks and breasts exposed them to colds, consumption and death; thus they passed away from a world in which they were unfit to live, and with them their race died out and all are now gone, not one left to write their history. And what has happened to the former inhabitants of this county may happen to those who inhabit it now or hereafter. Certainly fashion, folly and dissipation has taken a deep hold on the people of this age, and diseases of many kinds are fast sweeping off its early victims to fill untimely graves; and if it were not for foreign immigration adding to our numbers, and increasing the standard of national health by marrying and intermarrying, and the admixture of foreign with native blood, the condition would be much worse than it is. But these are the natural causes that keep up health, prolong life and increase the number of American inhabitants; but were immigration to cease and leave the purely American stock to mix and re-mix with itself, there is every reason to believe that the race would become weaker and weaker, and finally die out, as did the former inhabitants of this continent. The decrease in health (notwithstanding the foreign mixture,) during the last thirty years, is pretty conclusive evidence of this.

The powerful empire of Austria, with all its advantages of climate and temperate habits of the people, is decreasing in population near a million every year.

The ancient empires of China and Japan are each decreasing in population by death alone, to over three millions of people yearly, and as powerful and numerous as are those people now, at that rate of depopulation the time will come when not one will be left. Even in imperial France the deaths exceed the births by hundreds of thousands yearly; and still nearer home the work of death is going on. In the City of New York, the metropolis of the Western world, according to the late statistics, the deaths exceed the births about ten thousand annually; and what makes it still more lamentable is the fact as shown by the number of deaths last year in that city amounting in all to 22,710, 13,187, considerable more than *half* of them, were children under five years of age. New York increases in population, but, as stated by their authorities, wholly by immigration.

And now what is to be done for the perpetuation of the race? shall we fold our arms, sit down and look supinely on, while disease and death are devastating our beloved country; and not only the old and middle aged are dying, but also helpless infancy suffers with them, and more than half of the young die before maturity. Here is truly a great work for the philanthropist, and for the man of science, and it is a work in which he may devote all his time, and exert all his energies; no other human work is half so important, and none so much needed as that of restoring the health of the people.

And how best can the health of the people be restored? by following the blind teachings and practi-

ces of the past, or by a philosophical investigation of the laws of natural life in all things, and discovering the true nature of disease, and learning its cause, prevention and cure? certainly this latter course seems to be the only true one, though new yet it is the only course by which we can hope for success, all other theories and systems have *failed*.

And now to go about it understandingly we will first inquire what is health and what is disease? Health may be said to be the harmonious condition, a full and free operation and complete arrangement of every part of the human body, every bone, every ligament, every muscle, vein, artery and nerve; all the solids, fluids and secretions, organs and functions of the animal economy must be in an absolutely normal condition, producing a healthy body and a sound mind; this is *health*, any departure from this harmonious state of things is *disease*, and disease is death in its primary state or stage. We say of a tree, whose leaves begin to wither, and some of its branches to decay, that tree is dying; well, so it is, yet it is now only *sick*, it is only decaying, but that decay is death, and if the decay or disease of the tree is not arrested, and its wasting system revived, it will surely die; the first stroke of disease is the first act in the process of death, and ceasing to breath is its last. The first impaired function of the human body is the first step in the soul's departure from its house of clay—the first beginning of sickness in the human body is the spirit's *beginning* to leave the mortal for an immortal life. And unless disease is checked, and the body rejuvenated, and

health and harmony restored, making the body a fit tenement for the soul, it will gradually withdraw from a body fast becoming unfit to contain it, and will finally quit its earthly home for its more enduring home, in its native skies, where sickness and death can never come. Disease may be of many kinds, and produced by many causes, most of which causes are under the control of human beings, and generally mankind produce their own diseases, and *as* many of the causes can be removed, and disease prevented, we will point them out, hoping that our fellow beings will profit thereby.

First, then, we live in a very changeable climate, and we have the extremes of temperature in the same locality; we suffer from summer's heat, and from winter's cold, and the sudden change of temperature in a few hours in any day of the year, subjects us to continual colds and other diseases produced therefrom. The cold of the rigid north freezes our flesh, chills our blood, and produces scurvy and consumption; while the heat of the burning South burns our flesh, fires our blood, clogs our liver, weakens our stomach, prostrates our nervous system, produces bile, clogging the pores and preventing the escape of heat from the body, thus fever and perhaps death is the consequence.

Many diseases are produced by dress and other habits of life, especially among females who love fashion better than health; their thin shoes, little bonnets, bare arms and bare necks, and bare shoulders, thinly clad chests, expose them to colds, consumption and death; and their tightly laced waists

and heavy skirts hanging on their hips, bearing down the bowels and abdominal viscera, producing diseases of the womb and bladder, with all their attendant evils rendering them miserable sufferers for life, and hastening them to early graves. While ignorance of the laws of life and health, and neglect to observe the rules of health, is another fruitful cause of disease. With this ignorance, unhealthy fashions, and vices of females, it is no wonder so many of them are sickly and miserable, and of no comfort to themselves or any one else; these unhealthy habits are so continued, and disease thereby so increased, that female health and strength is nearly destroyed, and women are now unfit for the duties and responsibilities of life.

And the men have habits nearly as destructive of life; chewing and smoking tobacco, or using that poisonous plant in any way, is a great cause of disease. Tobacco is a virulent poison, one single drop of the oil of tobacco has produced instant death. No animal can use it with safety, and no animal but the human does use it in any way whatever; and though it does not always instantly kill the human, yet its effects, though sometimes slow, are none the less certain, for tobacco is a deadly poison, and will kill sooner or later; and worse than all, its bad effects are not only apparent in the user, but his children must suffer for the sins of the parent, and are born into the world with weak nerves, delicate constitutions, and viciated blood, thus each generation becomes weaker and weaker, until mankind are now only a sickly appology for nature's last and noblest creation.

Another alarming vice and disease-engendering cause, is the use of intoxicating drinks ; stimulating drinks of whatever kind they may be, or however mild the name, they are destructive to health, and ought not to be used under any condition whatever, and still worse and more destructive of health, are the stronger distilled and drug-made liquors that are so freely swallowed by the hard drinker. These drinks are deadly poison, and will as surely kill, as will the bite of a venomous snake, though it may be a little slower, yet it is equally certain, and, like tobacco, its evil effects are entailed on posterity. Total abstinence from all that intoxicates or destroys health should be the motto of all—touch not, taste not the poisonous thing. There are many other causes that destroy health: tea and coffee are slow poisons, and produce many diseases of the stomach, nerves and brain, and blood, these drinks should never be used by any one, pure water is the only healthy drink for man or beast, any other (save milk for the young,) is destructive to the health, and must be abandoned.

Many things we eat injure us, civilization has introduced so many new and unhealthy eatables and drinkables, and fashion has made them so common, and friendship insists so much on their use, that by the time a person has eaten a fashionable dinner and tasted of the various preserves, jellies and jams, sweetmeats, fruits and nuts, they are well nigh poisoned, and though they may escape the penalty just then, it has nevertheless paved the way for dyspepsia or some other disease that may end in death;

they are sure to suffer for it some time in their life, they will at least find that the follies of their youth are drafts upon their old age, payable with interest about twenty years after date. The indolent habits of the fashionable lady are another cause of disease among females, the strong and stimulating food, the big dinners and late suppers, without sufficient exercise to digest and work them off, renders them invalids for life; a lack of free ventilation in houses, sitting rooms, bed rooms and workshops, and in halls and churches, is the cause of many diseases and complaints, and prevents many from getting well; nowhere in any building is there air enough, nor is it pure enough; all seem to be afraid of the air; oh! shut out the cold air, says one; oh! don't open the windows, and let in the night air, says another; and so the pure air of heaven is shut out by day and by night, and mortals are gasping and dying for the want of it, and especially the sick who need it so much are deprived of it, and languish, pine and die for the want of pure air. Churches, and such places that are used but once a week, or so, are kept closed all the week; the air within has become stagnant and actually poisonous, by being confined, the oxygen has escaped, and carbonic acid gas is left. The doors are opened on Sunday morning, and in rush hundreds of human beings to worship God at the expense of their lives; they breathe the poisonous and stupifying air, they gasp, and gap and yawn, and finally exhausted nature goes to sleep, not even the sanctity of the place nor the powerful appeals of an eloquent and zealous preacher can

keep them awake, the poisoned air is packed the more dense around them by the windows being opened away above them; the fresh air coming in from above their heads, presses the old stagnant, poisoned air heavier on and closer around them, until they are poisoned, and some go to sleep, while others suffer on, and others are forced to get up and go out before the sermon is ended, as I and others have had to do. It is healthy and refreshing to sleep surrounded with plenty of pure air, "for balmy sleep is tired nature's kind restorer," but those who are forced to sleep surrounded by the poisonous air of church or hall, or crowded room, though they may linger on and not die then, nevertheless, such sleep is the sleep of *death*, and soon may prove to be the last sleep—the sleep that knows no waking.

There is still another great cause of disease, more potent for evil perhaps than any or all other causes combined, and that is the use of drugs or medicine in the treatment of disease. There is no doubt that drug medications have produced more disease, more sickness and more death, than sword, famine and pestilence combined. To this conclusion mankind in general have arrived, after centuries of trial. The broken down in constitution, the afflicted, chronic sufferer, all utter forth its just condemnation, while everywhere the graves of its victims attest its ruin, and show forth its evil consequences. By many generations it has been tried, and has utterly failed to cure disease; instead of health it has made and increased disease in the land, until now the whole

community is sick, and the dying groan is heard all over the land, and the grave yards are full with the premature dead ; everywhere its ravages are to be seen, and its mangled victims to be found. Mankind have endured it until they can endure it no longer, and everywhere are raising their voices against it.

Medical men themselves see its bad effects, and some of them, (though interested,) are honest enough to proclaim against it. And to convince the public that I am not the only one of the profession that speak against drug medication, I will go among the leading men of the profession, and into the medical schools and colleges and state societies, right in the midst of the front rank and flower of the medical profession, and call some of them up, and have them testify to the injurious effects of drug medication. First we will call up the leading man in the Massachusetts Medical Society, Dr. Oliver Wendell Holmes. :

Oliver Wendell Holmes, in a recent address before the Massachusetts Medical Society, declared that mankind had been drugged to death ; that whatever would injure a well man would injure a sick one, and that the world would be better off if the contents of every apothecary shop were emptied into the sea, though the consequences to the fishes would be lamentable. The address was ordered printed.

Said the eminent Dr. Lugol, of Paris : " We are following an erroneous course in our investigations, and must resort to new modes if we would be more successful."

Said Dr. Evans, Fellow of the Royal College, London: "The medical practice of our day is, at the least, a most uncertain and unsatisfactory system; it has neither philosophy nor common sense to commend it to confidence."

Said Professor Gregory, of the Edinburgh Medical College, to his medical class: "Gentlemen, ninety-nine out of every hundred medical facts are medical lies; and medical doctrines are, for the most part, stark, staring nonsense."

Said the famous English surgeon, Sir Astley Cooper: "The science of medicine is founded on conjecture, and improved by murder."

Said John Mason Good, M. D., F. R. S., the most accomplished medical scholar and author of modern times: "The science of medicine is a barbarous jargon, and the effects of our medicines on the human system in the highest degree uncertain; except, indeed, that they have destroyed more lives than war, pestilence, and famine combined."

Says Professor A. H. Stevens, M. D., of the New York College of Physicians and Surgeons: "The older physicians grow, the more skeptical they become of the virtues of medicine, and the more are they disposed to trust to the powers of nature."

Says Professor E. R. Peaslee, M. D., of the New York Medical College: "The administration of powerful medicine is the most fruitful cause of derangements of the digestion."

Says Professor E. H. Davis, M. D., of the same college: "The *modus operandi* of medicines is still a very obscure subject. We know they operate, but exactly how they operate, is entirely unknown."

Says Professor S. D. Gross, of the Jefferson Medical College, Philadelphia : " Of the essence of disease very little is known; indeed, nothing at all."

Says Professor Paine, of the New York University Medical School, and author of "Institutes of Medicine"—a work of acknowledged scholarship : " Remedial agents act on the system in the same way as do the remote causes of disease. They cure one disease by producing another."

From these ample testimonials, which could be extended indefinitely, it seems pretty conclusive that the regular medical profession has as yet done nothing in the way of leading the people into better fashions and more healthful habits. It has always been content to let the people go on in their violations of the laws of life and health, and then, when disease, which is the inevitable penalty of transgression, occurs, dose and drug at the penalty.

It is impossible for drug doctors to be health teachers. Their whole system is in violation of every law of the vital organism. Every dose of poison is an outrage against nature, and a war on the human constitution. The false and absurd dogmas of the drug system never did, and never can, do anything for the people, except to mislead them.

This is the testimony of the best medical authorities in the world, and they speak from year's of experience. And many other physicians, both in the old and new world, knowing the evil effects of drugs, as generally used, have sought out new preparations and new compounds, new plants and new herbs, new systems of medicine, new modes of treat-

ment, and new remedies, clearly indicating their entire lack of confidence in the old systems and old remedies, and the utter inability of drugs to cure disease. Some have renounced drugs in any and every shape; while others have run wild into the other extreme, and flooded the world with patent medicines and quack nostrums, and the people have swallowed them by the wholesale, and many have been poisoned to death, while other victims are lingering out a miserable existence, and are suffering monuments of the death dealing powers of drugs.

No matter what kind of compound or preparation of drugs may be made, they are still poisonous and injurious to health, and destructive to life, and should not be used under any circumstances whatever. No improvement or alteration in drug medicines will do; the only safety for the people is to touch not, taste not the deadly thing; the health of the people will not be safe until the entire drug system, and all its branches, is wiped out from the face of the earth, for the use of drugs is the sum of all evils, and the chief cause of disease. That, and the follies of fashion, improper diet, poisonous drinks, with the vices and dissipations of human beings, make them a race of invalids.

“ We violate Dame Nature’s potent laws,
 Get sick and wonder what has been the cause.
 From birth to burial both brain and blood
 Are stimulated with unhealthy food;
 At every meal against ourselves we sin
 By the swift way we pitch our victuals in,
 Here’s a modern table, freshly spread,
 With half baked pies, and things, and smoking bread;

Here viands the most incongruous meet—
 Sour pickles, and preserves as bad, though sweet.
 Oh! could these condiments but speak, they'd say,
 We are forbidden fruit, so keep your hands away.
 We spice our victuals to suit our dainty tongues;
 The air is not admitted to our lungs.
 Until past mid-night we our vigils keep,
 And then on beds of eider-down we sleep.
 Our throats are tunnels where the doctors spill
 Their nasty nostrums, and we drink to kill—
 Open your mouths, they say, and shut your eyes,
 And he who swallows shakes his head and dies."

There is still another cause of disease, of recent origin, the dreadful effects of which are seen and felt in sickly dying infants, and this cause may be called "unhealthy parentage." Of all the causes of infantile mortality of late years this has become the greatest—we not only see its effects in diseased and dying infants, but those who reach youth, or maturity, or middle age, are sufferers with some disease or weakness caused by unhealthy parentage, especially of this generation. Parents are now so weakly and diseased, and marriages are often so incompatible and improper, that it is very difficult in some families to raise any children to maturity at all, and the few that are raised are so unhealthy that they scarcely *live*; and this state of things has increased so alarmingly within the last twenty years, and so much injury has been already done, that it is now high time that the cause was inquired into, and its effects prevented. One cause is the deleterious effects of drug medication, breaking down the constitution and poisoning the blood of the parents; another cause is improper diet and clothing, especially among females, and the use of alcoholic drinks

and tobacco among males, and to some extent, among both sexes. Another very prevalent cause is improper and unsuitable matches; a great many persons are unfit to become parents; the majority of American females are in this condition, and they should not become mothers until their own health is first established. And so with weakly men, they should first become healthy themselves before becoming fathers, and even then only the healthiest women and the healthiest men should become parents, all other families who are not *absolutely* healthy, or who have not the means to raise healthy and well conditioned children, should use a safe and healthy preventive of conception, which is now easily done by all married ladies, they having only to observe a simple, easy and safe physiological rule that is always in strict harmony with nature, and is at all times *infallible*.

This simple, sure and safe physiological rule was discovered by me some ten years ago, and since that time has been thoroughly tested by hundreds of females, and ascertained to be positively certain and infallible. It is now furnished to married persons, with full instructions, including a long printed copy-right "Letter to Married Ladies on Maternity," (how to have or not have children,) all included for the small sum of five dollars, sent postage free to any part of the world. Every family should have such valuable private instructions; it would save much poverty, suffering, sickness and death.

There is still another cause of sickness, and often death, among females, and that is, the wicked, un-

natural and injurious practice of producing abortion. This dreadful act, that should not be so much as thought of among a moral community, can be, and is entirely prevented by observing the "Physiological Rule," as there will be no occasion for abortion. There are still some other causes of disease of minor importance, that need not now be alluded to, which good judgement will observe and escape.

Prevention of disease consists in avoiding the causes that produce it, and thereby ensuring good health. But for all diseases unavoidably produced, and for all diseases now existing, mankind must have a remedy, and on the existence of this fact the different systems of medicine have been predicated. It has been universally conceded that mankind need some system of cure, but to get the best one has been the desire of the true philanthropist in all ages; and that no one has heretofore succeeded in finding it is evident from the fact that disease is not checked, but rages on unabated, and sickness is everywhere in our land, and mankind still suffer and die, and go to fill untimely graves. The old systems of medicine, instead of alleviating disease, make it worse, and make more of it. The different medical systems have all been tried and re-tried, but all have failed; and it is now clear to every well informed, unbiased mind that the whole thing is wrong, wrong in principle, wrong in practice, and wrong in its details, and, so far as the cure of disease is concerned, is a *failure*.

Attempting to build up the diseased and worn-out human frame with material grosser than itself!

selecting supposed remedies out of the mineral and vegetable kingdoms to *cure* finely organized *human flesh*! Why the idea is preposterous. No wonder it failed. But stranger still attempting to give vitality to a finely organized nervous system with gross earthy matter, possessing no vitality of itself. Is it any wonder people are found all over our country suffering from loss of vitality, debility, insanity, and all manner of nervous diseases?

The whole drug system was founded in ignorance, and matured in prejudice and superstition, and has done injury enough; but it must now give way to, and be supplanted by, a better system of curing disease; one that is up to the times, that meets the wants of the people, and is in harmony with the age.

Discoveries have been made in all other departments of human progression, that have taken the place of the old worn-out barbarisms of the past, "old things have passed away and all things have become new." Progression is stamped upon all things human. Excelsior is the motto of a living humanity, and the old systems of drug medication must too in their turn pass away, and give place to the new. The old has had its day; it has been weighed in the scales of time and has been found wanting. Its friends and votaries have tried to support its decrepid form and prolong its declining years, but all to no purpose. They have ransacked the entire mineral, vegetable and animal kingdoms for something that would cure disease and support their fallen systems, but in every attempt they have most signally failed, and now must desert the sinking

ship or go down with it. In all their researches they have not found one real curative agent. And although they have filled the land with drug stores and drug doctors, yet they have failed to cure disease, but have made millions of invalids, and have filled the grave yards with the premature dead. They have, in the language of one of their OWN, destroyed more lives than the sword, pestilence and famine combined! The people have tried them year after year, and have eagerly taken their various proffered remedies, expecting to get well, but their hopes have been blasted, their health destroyed, and their money spent, with no hope of relief, for all drug medication has *failed*, FAILED! FAILED! utterly failed. The people still are suffering with disease, in spite of all the learning of the medical schools, and have suffered until they can endure it no longer, and now ask for something better, some system that will cure disease. And a system that will meet their wants must be founded on the real conditions of health and disease, and on the nature of the elements of the human body. A remedy must be used that is as fine in its nature and qualities as the finest elements of which the human system is composed; no gross matter will do to mend up a thing that is fine. The human body is finer than minerals, finer than vegetables, and finer than mere animal matter, consequently, they are all too gross to repair it when wasted by disease. The human body, in all its fine and complicated and mysterious system of bones, flesh, blood and brain, with all of its visible and invisible workings, is the last, and *finest*, and best of created things, and is

composed of the quintessence of the finest of all other created things; and when out of repair can only be successfully repaired by material as fine or *finer* than itself. It would not do to mend a hole in a cloth garment with a piece of sheet iron, nor to mend a gold ring with a brick bat, nor even to supply the place of removed flesh with a piece of wood; such things are philosophical impossibilities, and, as the Yankee says, it can't be did. And just so with the drug system of medication; it is a philosophical impossibility. The principle is diametrically wrong, and must be abandoned; it is fighting against nature and against nature's God. If we expect to find a system that will cure we must go to nature for its principles. What then is disease and its remedy? As health is the normal and harmonious condition and action of every organ and function of the human frame, so any departure of any part of the body from that healthy condition is disease. And when any portion of the human form is *impaired*, it must be *repaired* by that which built it up in the first place. There is a principle of life by which and of which all things are composed; it is that which builds up and that which repairs; that which makes and that which mends. Discover and apply this principle and disease can be cured. Let us see if we can find this in nature. Let us find what builds up in nature, then we have the remedy for disease.

We will look first into the lowest or mineral kingdom, but we cannot find it there, we can't see any principle of life building up there; we will look in

the second or vegetable kingdom, and if we can find it there we will expect to find it more abundantly in the higher order of animals, and especially in human, the highest. But let us begin at the vegetable kingdom, and see if we can discover the cause of growth and life.

First experiment. We will fill a crock with soil, and in it plant a grain of corn ; this sprouts, grows, and becomes a large stock, bearing leaves, tassels, and large ears of corn, and in grains multiplies itself more than ten thousand times, the ears, stock and leaves weighing several pounds. We remove the corn stock, roots and all, and then weigh the soil in which it grew, and we find that it weighs just the same that it did before the corn-stock, ears and all, weighing many pounds, grew from it. Now what caused all this growth of vegetable matter, and from whence did it all come ? not from soil, for it is not reduced in quantity ; then where ? Let us look again and try a second experiment, We will plant corn in an open field and watch its growth, we soon find that it requires, in order to grow, just so much moisture, and just so much heat ; if it gets too much wet it drowns out, and if not enough wet it dries out ; and if it has too much heat it burns out, and if too little heat it freezes out ; in either case it will not grow, no matter how rich the soil or how well tilled by the farmer. We see at once that sun and water, (or warmth and moisture,) each in proper quantities cause vegetables to grow ; that being ascertained we have the true principle of life, and know how to keep vegetables in a healthy

growing condition ; if too cold and wet, we apply warmth, if too warm and dry, we apply moisture ; thus the remedy is appropriate and successful.

When the weather is too wet and cold the farmer prays for dry weather and sun-shine ; and when the weather is hot and dry, and the sun is burning up vegetation, the farmer prays for rain ; and when he gets his prayers answered, all is right again, his vegetables are in a healthy condition, and all nature rejoices, and man is thankful ; and as man is but a vegetable of second growth, this life principle will be found equally appropriate in him as a remedy for disease, and especially so, as this life principle is more refined, more elaborate and abundant in human than in vegetable organisms. Warmth and moisture, or sun and ocean, or electricity and water, in proper quantities, are the elements that produce, and impart the life principle of growth and health to all living things. Thus we see that the sun, the great positive *he*, and the ocean the great negative *she*, or sun male, and ocean female, or electricity and water, are nature's true builders and repairers, her great curative agents ; and if so an examination of what they have done and are doing will prove it, and establish our newly discovered principle of cure.

You will remember our illustration of the corn stock, which we showed clearly was made to grow and be healthy by the proper union of electricity and water ; and stated that man was a second edition of the vegetable, and depended upon the same life principle for health and growth. We will still apply the principle further to the vegetable growth,

and now in an artificial manner. Thus, to overcome the effects of the drouths, when vegetables are burning up with electric heat, and nature refuses to send the rain, the gardener pours water on his plants and they become healthy, and grow fresh and green again. And sometimes whole farms are watered by artificial irrigation; thus water, one indispensable element of the life principle, is applied in time of need; and on the other hand when vegetation is suffering with wet and cold, and not enough of electricity comes from the sun to warm and dry the soil, and make the plants grow, and the gardener wants an early crop, he overcomes the natural deficiency by artificial means, he covers his vegetable beds with glass to draw and collect the electricity from the sun's rays and concentrate it on the vegetables to make them healthy, and thus they grow, and the gardener has an early crop for the market. And still further artificial means are resorted to, to supply electricity to growing vegetation, and mechanical electricity is now successfully used as a substitute for the sun's rays. For instance, galvanic batteries produce electricity analagous to the sun's rays, and is by the wire from the battery conducted through the ground to the roots of plants that need the warming rays of the sun, and the plants grow and flourish with a health and rapidity that they could not have done but for the electricity thus produced. This process is well adapted to countries where there is much cold and moisture, and but little sun-shine, this method has been applied to garden vegetables, to grasses and to trees, both in Europe and America, and

the results have been completely successful. Electricity has been employed in various ways, and for many purposes, and always with amazing success; and it will accomplish much yet. The most muddy and foul water has been purified by it, and rendered as clear as crystal and as pure as the dew drop. It will also purify and vitalize the coldest, blackest and most poisonous blood, equalize it and make it circulate, and render it as healthy and pure as nature's living fountain. It will bleach clothes and make them as clear and white as the driven snow. But time and space would fail to tell all that it will do on inanimate matter. We will pass to animal life and see what it will do there. A French savan has just discovered that electricity is an infallible cure for the dreadful disease among the silk worms that has lately destroyed two whole species of that valuable insect, after all other remedies known to science had failed to save their lives. Thousands were laying around in a dying condition, unable to move and past hope; they were completely restored to life and health and usefulness by placing large quantities of them on an iron plate and electrifying them for about ten minutes, after which they went to eating and to work, and every one was restored to life, health and usefulness. Many other insects have been revived in the same way. Also mice, rats, rabbits, dogs and larger animals have been restored to animation by electricity; and even humans, who have been suddenly deprived of life by lightning, by sun stroke, by hanging, by drowning, by foul air, by poison, by chloroform,

and by fright, have been restored to life and to health by the vitalizing energies of electricity. In numerous instances electricity has proved to be the great positive vital agent, giving warmth, sensation, and life to all sentient beings. And as a motive power in propelling machinery, and in operating the telegraph, it has obtained grand results, far surpassing the highest flights of human imagination, and out-reaching their most ardent hopes. Electricity has done much in various ways, and that too while in its infancy; what may be expected of it when it reaches its manhood? it is now but young, but it is already a giant, and has accomplished much; but among all its victories its greatest triumph has been in the cure of disease.

Water being the great negative power in the cure of disease, and the second half of our great curative system, we will observe what it does, and see the part it performs in the great drama of life.

We have shown that water was as necessary as sun or electricity for the growth of the vegetable; and we know that animals cannot live without it; they need it as a drink, and to moisten their food, and to cook their victuals in, they also need its cooling, cleansing and purifying benefits in every period of life; in every hour of existence water is indispensable to vegetable and animal life; and in all positive diseases, such as inflammations and fevers, it is the main curative agent, as a few examples will show. When the vegetable is burning up with drouth and heat, the only remedy is water; and so with the human vegetable; when he is suffering with

any of the *positive* diseases caused by too much heat, producing fevers, inflammations, swellings and pains, the remedy is the cooling, cleansing, purifying *water*. We will give a few cases in illustration. A young mechanic of this state married an accomplished and lovely maiden, and moved with her to St. Louis; during the hot months of summer the fair bride was taken down with bilious fever; doctor after doctor was called in to attend her, still she was sinking fast, and all the time they were giving her strong and powerful medicines, but no water, not a drop of water was allowed to cool her burning lips, and to cool the fever within. A consultation was had of the most eminent physicians in the city, they said she must die; that there was no hope, she was past their skill, and they left her to *die*. She whispers to her husband, Edward, grant me my last request; I will, says the agonized husband, what is it? Give me water, *give me water!* He gave her a large drink of cold icy water, presently she threw it up; he held her head and was astonished to discover that that icy cold water had returned hot; she beckoned for more water; he gave it, and it came up less hot; she drank the third time; it remained down, and she went to sleep. *The water had put out the fire within.* She slept, and a mild perspiration spread over her; vitality returned; she awoke and called, Edward, Edward, I am saved! Oh, the thrill of joy of that hour was a heaven on earth. She was saved, she did get well, and, though years have since passed, the lovely Emily is still the healthy, happy wife.

Another, a boy was sick with a fever; the hot rays of the sun had filled him with too much positive electricity, and had fired up his system to fever heat, and he was dying for want of the cooling negative effects of water to modify the fire of electric heat. The physicians had done their *best* and gave him up to die. He heard the trickling rain fall down the water spout; he says, Father take me and hold me under that water spout and let the water fall upon me. Nature's demands were so strong and urged the boy to such urgent appeals, that finally the father consented, and he was also bathed in a tub of water; from that hour the fever was quelled, and he got well and still lives: nothing but water did or could save him, all other means had failed.

There are numerous instances in the memory of every man in which water cured fevers when all else had failed. Water never has been sufficiently appreciated by mankind. Water has accomplished great results even in the imperfect manner in which it has been employed. Water will cool, cleanse and purify; water will quench thirst, allay pain and soothe the aching head—will arrest fever and put out fire; water is cathartic, emetic, diaphoretic, sedative, anodine and stimulant; and will meet all the indications of cure in all positive diseases; that is, will cure all diseases in which electricity preponderates over water, as electricity will cure all negative diseases where water preponderates over electricity. Each may be employed separate, or both united, as cases may require, thus making a complete medical system, thorough and complete in all its parts, to which

I give the appropriate name of the ELECTRO-HYDRIC PRACTICE.

Electricity has done much good in the cure of diseases under the names of electropathy, magnetism and pathetism, but this is only half of a great system of cure. Water has done much good in the cure of diseases under the names of hydropathy and water-cure, but this is only the *other* half of a great system of cure. Electricity and water both united forming a great positive and negative—male and female, or dual system of medical practice, founded on the now established fact that electricity and water form the true principle of life and health in all that grows.

Electricity and water, in all their combinations, modifications and methods of application, being our curative agents, on which our system of medical treatment is built, it behooves us to state what electricity and water are—the composition and nature, and what they do, and how they do it.

ELETRICITY AND WATER,—HOW PRODUCED, WHAT THEY ARE AND WHAT THEY DO.

It is claimed by philosophers that there exists some sixty or sixty-four primates, or primary elements, which enter into and compose all matter; and that some of their combinations form one thing and some another; and that any two or more of them combined will form something new. In this no doubt they are correct in all but their number, which they have made far too large, mistaking the new compounds for primates.

There is but three original and true primates—forming the trinity of matter, all other substances and their compounds are but derivations of matter from the trinity of matter. The trinity of matter goes on mixing and compounding and forming new forms of matter, and multiplying and refining them to an illimitable extent. Thus we have mineral, vegetable, animal, and human forms of matter, each new one finer than the one preceding it; and still the combining, forming and refining process is going on until there is the finer and finer forms of sublimated matter, invisible to the eye and inconcievable to the imagination. Matter is constantly changing and refining itself, but is never exhausted, never *annihilated*. And to produce all these forms of matter and give sensation, motion, and life to the higher and more refined forms of matter, it is necessary to have a life principle; and in order that this life principle should be ample for all conditions of vegetable and animal life, both as to forming and to building and repairing, it is necessary that it should be finer than other forms of matter, it must be a secondary combination and formation; that is, the primates must combine in different combinations to form different secondary elements, and then these elements combine in proper quantities to form a new element—the life principle. This life principle is what builds and repairs and sustains vegetable and animal life, and is the only thing that does build, repair, and sustain, “matter life” consequently is nature’s only curative agent and remedy for disease. And what is this curative agent and life principle?

How produced and how employed? We will go back to the three primates in the trinity of matter, and find what they are. We find that they are carbon, oxygen, and hydrogen; carbon the *male*, oxygen the *neuter*, and hydrogen the *female*, now for the union, the combination, the cohabitation. The union of carbon with oxygen produces (a son,) *electricity*, and the union of oxygen with hydrogen produce (a daughter,) *water*, and the embodiment of these two births are SUN and OCEAN: two new elements—warmth and moisture—electricity and water. The union of these two elements produces the life principle that builds, repairs and sustains, as I have fully shown in my illustration of the corn, and what makes it grow.

Electricity, its origin, its nature, and its constituents have been but little known or understood by mankind in general, it remains to them a mysterious something, uncomprehended and incomprehensible. Mankind knows something about most all other and more ponderable substances; they can analyze air and tell its constituent elements, and appreciate its good qualities, can comprehend its nature, its uses, and its benefits; they witness its tremendous power when set in motion, and have employed it on lake and ocean to propel across the seas of earth the commerce of a busy world. Mankind have learned to fear it too, as seen in the awful tornado, as it sweeps across the stormy sea and wrecks the sturdy ship, and buries its human load in old ocean's watery grave; or when the rushing hurricane as it sweeps over the land, desolating the country, and

frightening its inhabitants. Mankind have learned too something about water, its uses and powers, and rendered it subservient to the will of man. They know that water will drown, they know that it will put out fire, *(thus cools down fever)*; they know that it is essential to the life of every thing—they know that it will quench thirst, moisten food, and is a solvent to cook our victuals in and to wash our clothes—and without it and the sun no vegetation could grow or animal live. They understand its uses as a motive power, either in its general form or when converted into steam; they know too, something about the cooling, cleansing and purifying effects of water, and that it is good in *some* diseases, but the extent of its uses and benefits in fevers, inflammations, swellings and pains they know but little; and of its wonderful curative powers when united with electricity, its positive mate, they know less.

Mankind can comprehend the element fire, and, can say with the Indian in his answer to the missionary, that fire will burn, for many an unlucky man and helpless youth knows by sad experience that fire will really burn. They have also learned its many benefits, and by judicious use have rendered its great powers subservient to man. Mankind have learned to love rather than to fear it; they know that it cooks their victuals—that it heats the water that makes the steam which propels the locomotives, engines and steamboats—that it warms their houses, melts their ores and metals, and that the sun's electric fire gives warmth and life to all vegetable and animal life. They know something

about the motive power of electricity, and its powers and uses in telegraphing. They know too, that it is good in *some* diseases. But of its wonderful curative powers, especially when united with water, (its negative mate,) they know scarcely anything at all, and would not believe if they were told the half of its remarkable powers in the cure of disease. Electricity is yet unknown to them; they all seem to talk about it, but still they know comparatively nothing about it, and yet it is the most important element in the whole universe of matter. And the reason why it is so little understood is because its nature, uses, and benefits have been but recently discovered, and all have not had time to become acquainted with it. Though earth, air, fire and water have been known and used for thousands of years, electricity when known, will rank first among elements.

True, electricity has been seen in the lightning's flash and in the softened magnetisms of northern lights—the aurora borealis; yet mankind never investigated or comprehended it; they only looked upon it as mysterious and terrible, and as being awfully grand and sublimely great beyond their limited comprehension, and classed it as among the mysterious of God, beyond the reach of the mightiest minds of earth. Time rolled on, century after century, and man was still ignorant of the most useful element ever vouchsafed to living beings.

The earth had produced many great, good and useful men to bless mankind with their discoveries, and their labors have done much to civilize and har-

monize the world of mankind. Writing, printing, painting, sculpturing and other arts have been discovered—the mechanical sciences have been developed and brought into use for the good of man, but the sublime powers of electricity were still unknown. Amidst all the changes of time and place—amidst all the inventions and discoveries, all the learning and accumulated wisdom of ages, electricity was still a mystery, unreached by the highest flights of human thought—still unapproached and unapproachable. Though man had observed some of its mighty results, and witnessed its sublime mysteries as manifested in the kingdom of nature—seen the vivid lightning flash athwart the cloudy sky, and heard the loud pealing thunder reverberate through the air. They have seen the electric fire flash along in streams of living light with the rapidity of thought, throwing out its burning streams across the darkened sky, as if it would set the concave heavens on fire; while the circumambient air was parted asunder with a loud pealing sound, shaking the earth from center to circumference, and awakening her sleeping millions with its midnight peal. Buildings are torn down or set on fire, trees split assunder and rent from limb to root; the solid granite rock is shivered to atoms, the solid ground is torn up, and all nature set in commotion; while mankind stand amazed at the vivid flash and booming sound of Heaven's great artillery. These are some of the sublime manifestations of this subtle agent in its grosser form, and how much more grand is it in its finer forms and better uses.

Electricity being produced by the union of carbon and oxygen, and the sun, being its centralized body, is consequently the main source of electricity. The sun throws out its electric heat as a stove does its fire heat, and acts upon and unites with water, its negative mate, the two supplying life and health to all living things. The sun (electricity) being positive to all planets, (which are chiefly water,) and all planets being negative to the sun, there are constantly positive and negative, to-and-fro currents passing from the sun to planets and from planets to the sun, and from planets to planets, for the planets are constantly changing their polarity to each other as they revolve around the sun, that side of the planet next to the sun, for the time being, being always negative; and the ever changing planets become alternately positive and negative to each other, keeping in constant motion to-and-fro currents of terrestrial magnetism, constituting a great magnetic machine.

These positive and negative to-and-fro currents of magnetism hold the planets in equipoise, and give to them their annual and diurnal motions, while the electric forces from the sun control and harmonize the whole. Thus all the celestial orbs move in harmony together, according to nature's great plan. And God, the soul and life of all nature, giving light, life and immortality to all spiritual beings, governing, controlling and sustaining all things by his own almighty power.

The subject of electricity is as vast as the universe of matter, for it is found in all forms of matter,

wherever carbon and oxygen unite to form it—and we find it in proportion to the quantity, quality and harmony of these primates found in any forms of matter. Thus we find it in minerals, in vegetables, in animals, and in humans—but little in minerals, considerable in vegetables, more in animals, most in humans; yet more in some minerals and in some vegetables, in some animals and in some humans, than in others, because in some the primates, carbon and oxygen, that produce electricity, are more abundant and more equally diffused than in others. In the minerals it generally requires the union of two, one possessing carbon and the other oxygen, because minerals are mostly *simples*; but in vegetables carbon and oxygen are generally found in the same plant, and each vegetable is electric in proportion to the harmonious conditions of both. Some vegetables, plants, roots, herbs and fruits, are highly electrical, hence they are good curative agents. Humans are electrical in proportion to the size and quality of brain and vital conditions; the brain being composed of carbon and oxygen, and acted on by the acid of the blood, is of itself a powerful galvanic battery, rendering a well organized and healthy man, or the electricity of his brain, the best of all curative agents.

We find electricity, like its negative mate water, in all forms of matter, vitalizing and revivifying all material things. We see the manifestations of its power in the lower forms of matter, gradually refining itself and all things through which it passes to higher degrees of development, and to better con-

ditions of usefulness. It acts upon the solid rock, turning its hard surface into soil, from the softened bosom of which spring up vegetation and fruit for the food of man and beast. This vegetation, as it grows and propagates itself, manifests male and female, or positive and negative relations to each other, produced by the to-and-fro currents of the positive and negative conditions of electricity, as found in all *compound* matter. Thus we have in the same region the cooling pomegranite and the hot spices—the sour lemon and the sweet banana, clearly exhibiting electrical forms of life. Many vegetables possess the positive and negative, or the male and female, conditions in the same species, and some in the same plants, clearly exhibiting the electro-positive and the hydro-negative, or male and female conditions of the “life principle,” as the works of nature are going on to greater perfection producing higher forms of living things.

Many vegetables and fruits possess electrical qualities to a high degree, and are therefore very efficient remedies in the cure of disease. Indeed, in the vegetable kingdom has already been found a large and powerful *electro materia medica*. Many of these vegeto-electrical remedies are of recent discovery, and are already performing remarkable cures. In these electro-medical plants are found all degrees of electrical intensity, from the lowest negative to the highest positive—some are hot, some are cool, some are bitter and some are sweet—some alkaline, some acid, some stimulant, some sedative, some cathartic, some astringent, and so on through

an endless variety of opposite conditions, constituting powerful positive and negative forces—some being so positive that they will electrify a negative human body and make it healthy and vigorous in a short time; while others are so negative, that they will attract, neutralize and remove the super-abundant electricity from any part of the body, removing inflammations, swellings, congestions and pains, restoring health to all who suffer with too much positive electricity concentrated in any part of the body. Some vegetable substances possess *both* the positive and negative conditions to a high degree, forming within themselves an electric battery, and throwing out both the to-and-fro currents respectively, restoring the equilibrium of the human system, giving health and harmony to all parts, soothing and calming the mind, quieting the nerves, and making the whole man healthy, harmonious and happy. In this wide range of electro-medical remedies there is truly a large scope for thought and a large field for investigation and research for the truly progressive physician, who wishes to relieve the sufferings of his fellow men, every way worthy his best abilities and highest aims. And he is only prepared to cure disease when he has become thoroughly acquainted with the electrical and non-electrical conditions of the human system, and learned the electrical and magnetic powers of mineral, vegetable and animal bodies—their uses and modes of application in the cure of disease. And especially when he has learned the nature, uses and application of electricity and water, which produce

the life principle. As various and powerful as are the electro-magnetisms of the vegetable kingdom, still more refined and mysterious is the electricity of the animal kingdom; and here it takes the form of animal magnetism, but is more like the life principle, being produced by and from the electro-hydric forces in animal bodies; and here we find it still more subtle and mysterious in its operations, more grand in its nature, and more mighty in its results. Even in its natural passive state it is sublime beyond conception, but when directed by the will, its almost unlimited power is magnificent beyond comparison. This power exerted by the animal or human, is capable of producing much good or evil, as used or employed by those possessing it. There appears to be a natural instinct possessed by some animals guiding them in its employment, and that instinctive knowledge is greatly increased in the human species by experience, by research, and by practice; and generally the most stupendous and magnificent results attend their well directed labors, and an amount of good is done for humanity, and especially for the sick and suffering, that could not be excelled by any other human means.

Electricity has *been* ever since carbon and oxygen united to form it—ever since the sun evolved its electric fire or shot out its brilliant rays to light up darkness; it was in the sun's rays that first shone on the rough rocks of chaotic matter, and when vegetation sprung forth it was *there*. When the first animal ranged the primitive groves of the young

earth it was *there*, and assisted the birds to sing their first song in the morning of creation, and invigorated the first human pair as they walked the green groves of a genial clime, and inhaled the ambrosial perfumes in the flower garden of the Eden of old. It was and is everywhere, but in the human brain it is found the most abundant, so much so that the brain itself is a great galvanic battery, throwing out its vital streams to the remotest nerve, and giving sensation, motion, and life to all parts of the body. Electricity is everywhere and in everything, enduring through all time and space.

Electricity warms in the sun, refreshes in the breeze,
 Glows in the stars, and blossoms in the trees,
 Lives through all life, extends through all extent,
 Spreads undivided and operates unspent.

Time would fail me were I to attempt to show all the various electro-magnetic forces in the kingdoms of nature, but a few examples may suffice in each department. First, in the minerals we find the lead or load-stone, or magnetic rocks, in Turkey and other parts of the world; it is a compound rock composed of carbon and oxygen, and is therefore powerfully magnetic; so much so indeed that it will control the compass and draw it from the pole; and will attract and hold large peices of iron or steel. A story is told of a soldier whose mail and mountings were of steel; he came near the load-stone rock to rest, was attracted to it and held so firm that he could not get away. Two metals, one carbon, as platina, and one oxygen, as zinc, may be acted upon by an acid, and thus produce electricity.

The electric or magnetic vegetables are much more numerous than the minerals, and more useful. First among them stands our own American pennyroyal; this herb is powerfully electric and an excellent remedy in many diseases. Next is the St. Ignatia bean, of South America and the Philippine Islands. Next is the *cannabis idica* or Indian hemp; next is the *asclepius incarnate*, or white Indian hemp root; next is *gelseminum*, or yellow jessamine root of the Southern States; then come in the many mints and spices and many herbs not yet in use; and again there are some mineral, vegetable, and animal substances that can be electrified and rendered magnetic, such as iron, steel, etc. as instance in the electro-magnet and the horse shoe magnet. The finer the steel, that is, the more carbon and oxygen it contains, the better and more durable magnet it is. Also the vegetable oils, animal oils and fats, can be magnetized and rendered powerfully magnetic; and the more carbon and oxygen they contain the better magnetic medicines they make. Thus we have electric pills, electric febrifuge, electric oils, magnetic powders, and magnetic salves, which are useful as remedies for disease in proportion to the quality and quantity of electro-magnetism they possess, and as such belong to our new medical system.

As electricity is found more abundant in vegetables than in metals, so it is found more abundant and refined in animals than in vegetables. All animals possess and produce electric power, some more than others—it is abundant in the silurians electricus

gymnotus, or electric eel, found principally in the waters of South America. They produce at will any number of successive electric shocks, very like those from an electric machine, and so powerful that various small animals have been killed by them, and even animals as large as mules, that had gone into the river to drink or to swim across have been killed by repeated shocks from these electric animals. If any person will touch his hand to this galvanic eel he will receive a shock that will convince him of the truth of all we say—for it might prove to him a knock down argument. Snakes too, are powerful magnetizers or charmers, especially the black snake, and is known to exert its electric power on bird, animal and human to a remarkable degree. Other animals, such as dogs, cats, and horses possess it to a considerable extent, and use it too on more occasions than we are aware of; and so with many other animals, but it is in the human that electricity has reached its achme of power, and achieved its greatest triumphs. By man it has been (though but little understood,) used in all ages of the world under various names and by various methods, producing numerous results. Electricity is the great motive power that moves the world, and is used by the lecturer to electrify his hearers, by the preacher to melt his audience, by the general to encourage his soldiers, and by the physician to cure his patients; it is employed successfully by the impassioned orator, whether he be a Patrick Henry, before the house of Burgesses, astonishing all with his boldness and inspiring all with his zeal; or whether it

be a General Washington before the American army, charming all with his devotion to country and his trust in God; or whether it be a Roman orator before the Roman senate, pouring forth torrents of eloquence in thoughts that breathe and words that burn, and before whose electric stare even a proud monarch quailed; or whether it be the warm hearted sympathising physician, who goes about doing good, curing the sick, warding off the heavy hand of death, and bringing health and peace to thousands of families, all, all is electricity, electricity, electricity; and he who uses it the most and employs it the best is the most successful preacher, teacher, orator, general, business man, and especially the best physician, for he cannot cure disease without it, but with it he can accomplish wonders. It is the main spring of every transaction, and in all undertakings it is the secret of success. Mankind employ it in every performance of life, and it is mighty everywhere and in everything; but yet in the cure of disease it achieves its greatest triumphs. Here it exhibits its inexhaustable power with a majesty worthy its sublime origin.

So important is electricity in the cure of disease that all nations now employ it in some way or other, and new and better modes of using it are being constantly found out, and new applications made of it until it is now brought to a considerable degree of perfection. Mankind have been blessed with many inventions and discoveries, but electricity is the greatest and best of them all, and stands out prominent and alone above all others. Many men have

made valuable discoveries, but it remained for our own immortal Franklin to rein in the fiery steed—divert its course and draw it from the clouds to the earth, shadowing forth its employment in the service of man. If the great Dr. Franklin had never done anything else for the good of his fellow man, that one great crowning act of his life is enough of itself to embalm his memory forever in the hearts of the people, and to earn for him an immortality of glory. Other great men, some who still live, have made further discoveries in the employment of this useful agent—have harnessed the lightning and set it to work, lightening the labors and increasing the convenience and comfort of mankind, until now every family is or can be benefited by it.

The best means of using electricity is the next study of mankind—this is an important study for every intelligent being, for a true knowledge of its powers, uses and modes of application lays at the foundation of usefulness and good health to all. This important study is a large one, and is hardly yet commenced, and to become familiar with it in all its modes of employment and usefulness would require a regular course of study with some competent teacher, accompanied with the necessary illustrations and demonstrations. This might cost the student some time and money, yet he or she would be amply rewarded in the information obtained and the ability to do good for himself and others, and would insure him useful, honorable and profitable employment for all time to come, and would give him a power over disease that could be obtained in no other way.

And as electricity and water form the life principle, and is the remedy for disease, the only thing left now is the means and method of its employment.

Electricity, the positive half of our system, may be employed, first, simply by inhaling and living in pure air, that is, heavily charged with electricity from the sun, the natural source of electricity; but when we cannot get enough in that way, (from nature's sources,) we must manufacture it artificially, and apply it in the proper manner and in a proper quantity.

Various ways have been adopted for its manufacture. First by friction—rubbing by the hand—rubbing dry sticks together, and by metal rods, until the electric machine was made; but as this instrument is of no practical use in the cure of disease, we may pass it by as only useful in experiments as a *shocking* machine for amusement. It is galvanic electricity that we make available in the cure of disease, it is manufactured by chemical action—by the decomposition of material substances, (a consuming of material,) that consumption of material, that chemical decomposition of material substances, produces electric power, as the decomposition of water, by boiling, produces steam; and the power continues as long as the decomposition and consumption of material is going on. So a galvanic battery is still making new electricity as long as the battery is kept running. Galvanic electricity is produced by connecting two metals together, one carbon and one oxygen, say copper and zinc, in a solution of sulphuric acid diluted. The discovery

of galvanic electricity was made in 1786 by Luigi Galvani, of Bologna, from whom it takes its name. The voltaic pile is constructed on this principle, but is a very imperfect battery; it is made of a number of plates of copper and zinc piled up alternately, with a piece of muslin or other cloth between each layer, and the whole saturated with a weak solution of sulphuric acid, with a wire connected to the lower plate of copper and one to the upper plate of zinc for conductors. A very strong battery can be made in this way by adding more plates, but the battery is not durable on account of the amalgamation of the copper and zinc plates—they become alike, then there is no electricity evolved. Volta first made his pile in 1800, and it was then called the voltaic battery. We next had Becquerel's battery, then Daniel's, then Bunsen's, and then Grove's, each one was an improvement on the last, but still none were perfect, Grove's being the strongest. Instead of copper he used platinum; and instead of sulphate of copper, in solution, acting both on the copper and zinc, as in other batteries, he inserted the zinc in diluted sulphuric acid and the platinum in nitric acid, separating the two liquids and metals by a porous cup; this is a powerful battery, and would do very well for machanical purposes, but not for medical use, on account of the fumes of the nitric acid. This battery will run constantly about twenty-four hours without refilling with new acid.

Other improvements have been made in batteries in this country lately. Dr. Smith's battery is an improvement on Smee's, and the best now in general

use. He uses a white porcelain cup or mug, holding a little more than a pint—fills it two-thirds full with water, then adds about half an ounce of sulphuric acid; for the metals (the carbon and oxygen) he uses zinc and platinized silver. The two zinc plates are in size about five inches long, by two and a half broad, and about half an inch thick; the platinized plate is a little less in dimensions, and nearly as thin as paper, these are fastened together with the platinized plate between the two zinc plates, and kept from touching them by wood at the top and by gutta percha at or near the bottom; a conducting post comes up through the wood from the platinized plate, to connect with the conducting wire, and a brass clamp holds the zinc and platina plates together, to which the other conducting wire is connected. The diluted sulphuric acid acting upon the platinized plate makes the positive current, and the same acid acting upon the zinc makes the negative current. The zinc is amalgamated (coated) with quicksilver by first dipping the zinc in diluted sulphuric acid then rubbing the quicksilver on with a brush or rag, and then pouring a little quicksilver in the acid in the cup, which will prevent the acid from oxydizing the zinc, will keep it bright and clean, and cause it never to need cleaning. Thus the zinc and the solution will remain as clear as crystal; hence Dr. Smith has named it the crystal galvanic battery. This is a constant battery, and will *run* until the acid in the water is exhausted, when more can be added; or, better still, pour off the water, leaving the quicksilver in the bottom, and put in new

water and new acid; the old water becomes mixed with quicksilver and might spoil the platinized plate if left standing too long. The water will evaporate some and more can be poured in once or twice before pouring out and refilling. A little quicksilver should always be kept in the bottom of the cup, the zinc and platinized plate bound together by the clamp may remain in the cup at all times, the acid will not act upon them when the conducting wires are separated or removed from the zinc or from the platina, as then there is no chemical action going on, and the battery may stand any length of time and always be ready for use. This battery is much better than any other now in use, and a great improvement on the old copper and zinc blue vitrol batteries that required so much cleaning and care and *trouble* to keep in order—quite an inconvenience for a practitioner who is as thronged with patients as I am, and have been for years; still we have not arrived at perfection yet in galvanic batteries, and I have been waiting and wishing for years that some one would invent a dry battery, or one closed in and sealed up tight that would be portable, so that it could be carried about and always in order to run—for even Smith's battery, though the best, cannot be packed up and carried about from house to house without pouring out the liquid, packing the battery up dry and taking the liquid along in a bottle or making new. This can be done, and is done, but it would be better to have a tight cup that could be carried anywhere without emptying. Such a one I have tried to get up, and have succeeded to some

extent. I have applied for a patent on it, so will here describe it: it is an improvement on Smith's crystal galvanic battery. Instead of his porcelain cup I use a large plain smooth glass cup or tumbler, holding about a pint, it being transparent glass, the battery, that is, the zinc and platina, and the chemical action of the acid on them, can be seen within. I use shorter and thinner zincs than Dr. Smith, and less liquid, consequently my battery is considerable lighter than his, but its great superiority is in the fact of its being covered over with a tight lid—no evaporation of the acid can take place to be inhaled by the patient to his injury, and none of the liquid can spill out, no matter how handled or how far carried, thus saving all the trouble of pouring out and bottling the liquid when it is wanted to move the battery from house to house.

These galvanic batteries are always ready for use—are neat and clean, and light and portable, and are very powerful; they are the strongest and best in use, and can be purchased almost as cheap as the poorest can, and are a hundred times better. If a powerful battery is needed for telegraphing or for any mechanical purpose, these can be arranged in pairs of two, connecting the zinc of one with the platina of the other with a short copper wire, then putting the conducting wires, one of each, to the *unused* zinc and platina of the two cups—the other ends of these conducting wires can be attached to anything you wish to operate on, machinery or whatever it may be. Any number of pairs can be arranged in this way, and a battery of any power

desired can be obtained. When the power is not wanted then stop the action of the battery by removing the short copper wire from the two cups, then all will remain perfectly still and quiescent until needed again, when the short wire can be replaced, connecting again the zinc of one cup and the platina of the other, and the chemical action commences, and electricity is produced and can be applied by the conducting wire whenever needed. These *enclosed* crystal galvanic batteries I will keep on hand for sale by the single cup or by the quantity, as persons may need, and can be sent by express anywhere.

We have explained the construction of the most perfect batteries now in use, it now remains for us to explain their medical uses. A galvanic battery is like a steam engine, is useful as a motive power to propel other machinery, and in addition to that it can impart its electric power by simple conducting wires to plants, to trees, to animals and to humans, and give vitality to each and all of them. But this is a small part of the methods of employment in its large range of usefulness; other and still better means are adopted to increase and intensify its power, and to enhance its usefulness, especially as a remedy for disease.

A magnetic coil has been invented formed of small insulated copper wires, hundreds and sometimes thousands of yards in length, rolled round in a spiral form, and forming an elongated ring or tube with a round opening in the middle reaching through from one end of the tube to the other; this electro-

magnet or magnetic coil or wire tube is fastened on a flat piece of board, two inches wide and about six inches long, this is of various sizes, the ends of the wire from the magnetic coil run through this board to the under side and there connect with little brass posts reaching through to the upper side of the board into which the conducting wires from the galvanic cup are inserted; the electric current from the galvanic battery or cup runs along the wires and passes into the coil, rendering it magnetic for the time being. This magnetic coil of double wires, with its fastenings and connections is called a helix, this helix or coil increases the intensity of the electric current passing through it in proportion to the length of the wires forming it, and that intensity is regulated by a bundle of soft iron wire in the shape of a rod, and about as long as the length of the helix or coil; this bundle of iron wire is surrounded with, or rather inserted in a thin tube of soft iron, to keep them together, this tube with the soft iron wire in it is just thick enough to fill the round tube-like opening in the center of the magnetic coil or helix, and long enough to reach its whole length, and yet loose enough that it can be easily pulled out or pushed into the tube-like opening extending through the center of the helix. This piston rod, as we may now call it, is pushed further into the helix to increase the electro-magnetic current coming from the helix, and pulled out to decrease it; thus it can be made strong enough for the most herculean man or weak enough for the weakest child. The amount of battery power required to *run* the helix or mag-

netic machine is amply furnished by one single cup of Smith's crystal galvanic battery, or better still and more convenient by one of my improved inclosed battery cups. The electricity coming from the battery is a direct or primitive current passing into the helix, magnetizing it and making it throw out a secondary current; this secondary current is electro-magnetism; that is, it comes both from the battery which is electric, (or first,) and from the helix, which is magnetic, (or secondary;) this secondary current is called induced current, or magnetism by induction, because it is induced or *made*, not *directly* by the battery, but by the helix or magnetic machine being acted upon by the battery; that is, the battery, by its direct and primary current, magnetizes the helix or magnetic coil, and the helix throws out its own induced secondary current. This secondary or induced current is stronger than the direct or primary current, having both the battery and the helix power added, and when the piston rod or tube filled with soft iron wire is inserted its whole length in the helix, acting as an electro-magnet, bringing the whole magnetic power of the helix into use, then the current proceeding from the helix is powerful; but if the piston is pulled further and further out, the power from the helix becomes weaker and weaker. The current from the helix may be said to be double or two currents, first, because there are two (the positive and the negative,) from the battery to the helix, and secondly, because the helix is double, being composed of two separate insulated wires; thus there

must be two secondary or induced currents, the positive and the negative. The end of one wire of the helix is connected with a post in the bottom board at the end of the helix, and the end of the other wire composing the helix is connected with a similar post. Thus we have the positive and the negative post, and to these posts are connected the conducting cords that run to the electrodes or handles to be held in the hand or applied to any part of the body whenever needed; and then besides all this there is still one more arrangement that it might be well to explain. That is the arrangement by which the break is made in the induced current, which is thus: the positive current from the battery, instead of passing directly into the helix, passes to a high post reaching up through the bottom board, (higher than any other post,) and through this is a screw with a silver point, this point rests against the middle of a little straight flat spring, also made of silver, (hammered brass will do,) and on this silver spring at the place where the screw point touches it is put a little flat piece of platina. This silver spring is fastened at the lower end to the end (or pole,) of a small electro-magnet. This electro-magnet is made of a rod of soft iron, in thickness a little over a quarter of an inch, and about five inches long, bent in the shape of an ox bow, and wrapped with a coil of covered wire; this covered wire is connected at the bottom of the board with the large wire of the helix, then the silver spring being fastened at its lower end with the lower end of the electro-magnet, and the upper end of the spring has a short

piece of soft iron rod fastened to its upper end, forming a little hammer, the spring being the handle, and the end of the hammer resting against the upper and *other* end of the electro-magnet, but not quite touching it; this arrangement is now in order. As I said before the positive current from the battery went directly to this high post with the screw in it, and to the silver point of the screw, and the other current from the battery goes through the helix the whole length of the large wire coiled in it, and comes out at and goes through the little electro-magnet above described, and magnetizes it, so that it attracts the little hammer on the end of the spring, (this spring and hammer form an armature for the electro-magnet,) everytime the little hammer which is always close to the end of the magnet, and is regulated by the screw, is attracted by and *adheres* to it for an *instant*, the electro-magnet becomes demagnetized and lets go the hammer, instantly it is magnetized again and then attracts the hammer, the hammer is caused constantly to tap, tap, tap, and the taps are made fast or slow by the pressure of the silver point of the screw pressing against the platina piece on the middle of the spring which regulates the distance of the end of the hammer from the end of the magnet, and that regulates the strokes or breaks or taps; the hammer being close, the breaks or taps are in quick succession, (a more continuous current); the further the hammer is removed from the magnet the slower will be the taps, which makes a more broken current.

This electric current, as it passes through the

helix on the large wire, magnetizing it, making it for the time being an electro-magnet, which in turn magnetizing by induction the small wire in the coil or helix, and it is the positive and negative currents passing from it to the two posts to which the electrodes or handles are connected by the covered tinsle cord. These currents, you will remember, are induced or secondary, and are much stronger than the direct current. The current of this induced magnetism being broken, interrupted and changed in its course every instant by the motion of the spring and hammer, the current then changes every instant, and runs one way through the hammer, then the other, every instant of time. Thus there are to-and-fro currents, that is, currents running both ways. Thus in applying the handle to the human body, there are constantly two currents passing and repassing to and fro both ways through the body. But what is called the negative handle or pole is a little the strongest, because the two currents meet there. Still all negative currents are somewhat the strongest, because they receive more power from the helix or magnetic coil than do the positives. This then is the to-and-fro induced current from an electro-magnetic machine. This to-and-fro induced magnetism comes out at the *front* end of the helix, that is, the end of the machine to you when it is in running order, and the end from which the piston rod pulls out. This is the common way in which helixes have been made for several years, and the kind now in general use; and, though not the best, are still much better than the

first attempts made nearly thirty years ago. But recently a great improvement in electro-magnetic machines has been made by Dr. Smith. This improvement consists in arranging the helix and its connections so that it would give out either the to-and-fro current or the direct current, as might be required, one from each end of the helix. The positive current from the battery going directly to the post to which the conducting cord of the pole or handle is attached, and the negative or return current passing through the *large* wire of the helix, but not through the *small* wire of the helix, nor through the spring or break hammer, consequently this current is neither an induced nor a to-and-fro, but a direct current, passing directly through and back to the battery. By this way, if the positive pole or handle is put to the back of the neck, and the negative to the soles of the feet of a person, the current being a direct one will pass down through the body to the feet, and so back to the machine. Yet though this is a direct current, the negative pole or handle is a little the strongest, because there being a negative current from the battery, it generally meets the positive about one-third way around; that is, it would meet the positive in this case about the soles of the feet, the positive current having gone through the same length of cord, and also down through the body of the patient to the feet, the scattering and decomposing action being at the positive pole, and the gathering and recomposing at the negative pole.

The posts to which the conducting wires are at-

tached for the direct current are at the further end of the helix from those of the to-and-fro currents.

There are many purposes for which the direct current is useful, and some in which it is indispensable, all of which I will explain further on. There are other electro-magnetic machines, with to-and-fro currents, and some direct current machines, but none in which the two are united in the same machine that I know of but the one above described; others may claim it, but I have not found them to be such on examination.

Now a few words on currents, their different natures and uses. The direct current running one way down through the body of the man, in the example above, the man's body in this case would only be a medium through which the current could pass, a conductor only, not a retainer of the vital fluid; and as the course of the direct current is right through and out of the body in all cases, this direct current is always therefore depletive, cleansing the system, removing swellings, gatherings, softening and reducing callosities, and purging the system of all foreign substances; will prevent pain in extracting teeth; and would be the only current of any use in silvering, gilding, etc. But in the cure of disease we use principally the to-and-fro induced current, especially in all diseases where a tonic, vitalizing and building-up process is needed, —in all cases of weakness and debility, electricity being the best tonic and only vitalizer, and can be best imparted to and retained in the human body from the to-and-fro current. And as the most

strength is imparted by the negative pole, that should always be applied to the weak place, to the stomach or back, or wherever the weak place is found to be, and the positive pole or handle to the opposite side of the body. A strong current running from the upper part of the body to the feet would induce perspiration, and thus relieve fever. The application of the different currents will be fully explained in the chapter on disease. There is still another machine used in the treatment of disease, but is not an electro-magnetic machine, but a magneto-electric machine, that is, its power is not derived from a galvanic or electric battery, but from a magnet, or a number of horse-shoe magnets, with a soft iron armature across the end of them, which is moved from and to the end of the horse-shoe magnet in quick succession. By turning a wheel with a crank a magnetic shock leaves the horse-shoe magnet every time the soft iron armature is moved by turning the wheel. These shocks will come slow or fast according to the motion of the wheel. The strength of the current is regulated by a slide; but there would be no perceptible current without a magnetic coil to intensify it. Thus the machine has an electro-magnet to intensify the current, and by it the shocks can be made strong and very disagreeable. There being no properly induced nor to-and-fro currents, this machine can only be beneficial in extracting minerals from the system, or for silvering, gilding, and such purposes, in which a direct current is necessary; but it is of no use in the cure of disease. I know it has its admirers, but a

careful examination of the machine, the nature of its current, and the principle on which its magneto-electricity is evolved from it, should convince any one that it is of no earthly use in the cure of disease.

The horse-shoe magnet imparts the electric, or rather magnetic current, and that *direct* current passes along one conductor through the patient and back to the horse-shoe magnet again ; there being but one current it goes clear round and passes into the magnet from whence it came. There being a positive and a negative pole or end to the horse-shoe magnet, the positive throws out and the negative attracts back again, 'to keep up the power of the magnet, so no magnetism is left in the patient to do him good, his body has only been used as a conductor the same as the wires, and he is weakened rather than benefited by it. Were water or food to pass directly through the human body they would do no good either ; but they are retained, and their finer essences assimilated and appropriated by the parts of the body needing them ; but a current of electricity or anything else passing right through the body can do no good but harm. It may be claimed by some that they impart some of the electricity to the body ; but remember the current comes from a magnet with just so much magnetism to commence with, and which receives *none* from any source, (as does the helix from the galvanic battery,) and if it gives out its magnetism to the patient, the horse-shoe magnet must lose that much and would soon become demagnetized entirely ; that it don't

lose its magnetism in this way but retains it, is evidence enough that the body of the patient retains none. True, it may become weaker as all magnets gradually do, but it imparts none to the patient because it has none to spare; all it can do at best is to produce harsh unpleasant shocks, that are worse than useless in the treatment of disease.

With the electro-magnetic machine it is entirely different; there is the galvanic battery constantly producing more electricity by the chemical action of the acid upon the platina and zinc. Thus as long as the machine is running and filling up the entire system of the patient, more electricity is being made, and a new supply is constantly furnished—the same as a steam engine, as the steam passes out to work the machinery, more steam is constantly being made to keep up a supply; thus the machinery keeps going. But not so with the horse-shoe magnet crank machine, it is like a vessel filled with steam, with no means to make any more, or like a man attempting to lift himself over a fence by lifting or pulling at his boot straps—after working away until he was tired he would find himself about where he started—only a wiser man. But even if the magneto-electro machine was of any use the inconvenience of having to turn a crank like a grind stone to keep the machine operating is of itself a great objection, making it necessary for the operator to employ an assistant to turn for him, thus making double cost; whereas the electro-magnetic machine, having a good crystal battery or galvanic cup, runs *itself* constantly without any assistant.

There are three different methods of producing electricity, each differing in principle from the other. The first method is by friction; the most perfect arrangement for that purpose is the old electric machine (the true *shocking* machine of the past). The second method and principle is the magneto-electric machine; (the horse-shoe arrangement). The third and best method is the galvanic battery. Thus there may be said to be three kinds of electricity—the frictional, the magnetic, and the galvanic, made by the union of metals containing carbon and oxygen, and the chemical action of acid upon them. Frictional electricity is of but little use in the cure of disease. Attempts have been made to cure disease with it, and with some success; but other *kinds* of electricity, and other and better methods of producing it, having been discovered and adopted, frictional electricity, by the electric machine, has been therefore abandoned, except that it is used to some extent yet in Guy's Hospital, London, by Golden Bird and some other physicians. Other practitioners have discarded it, while their want of success with it has brought all *electricities* into disrepute, and might have been entirely discountenanced long ago, only for the many remarkable cures that were being constantly made by other and better electro-magnetic machines. Magneto-electricity, produced from the horse-shoe magnet crank machine, is but little better in the cure of disease, for reasons that I have explained when giving a description of this machine a few pages back, it being of no use at all only as a direct current machine, and that is now en-

entirely superceeded by a better arrangement in Smith's direct current and to-and-fro current electro-magnetic machine. Not only is the direct current in Smith's machine a better one, but in his we have the direct current and the to-and-fro current in the *same* machine, saving the expense and trouble of having two machines. So in the cure of disease we can entirely dispense with both the electric machine and with the magneto-electric machine, as we have now a machine of another kind superlatively better than either of them. This is the crystal galvanic battery machine, before described, and if the other two instruments have brought the electric treatment somewhat into disrepute, the last named machine, (the crystal galvanic battery,) will establish it again in the confidence of the people, indeed it has already done so to a great extent; and if the electric treatment gains favor as fast for a few years more as it has in the past few years, it will be the exclusive practice. In fact it is now getting to be the main practice, and the people are begining to realize that fact and are everywhere inquiring after that kind of treatment, and are seeking for physicians who practice it. This revolution has been brought about by galvanic electricity, and already it is felt to be a power for good unsurpassed by any known curative agent; and we wish it understood that according to our estimation galvanic electricity is the only kind of electricity that is of any practical use in the cure of disease, except animal electricity, or human magnetism, which is the same in kind, only less in degree and in a milder form. Galvanic electricity

may be produced in many ways, and more simple, but less powerful than the common galvanic battery before described. Any simple arrangement of zinc and copper acted upon by acid will produce galvanic electricity in quantity in proportion to the size and number of the zinc and copper plates. Galvanic belts, necklaces, garters and wristlets have been made in this way, all of which produce electricity, but in too small a quantity to do much good, yet delicate and sensitive (negative) persons have been benefited by them. These small attempts and small benefits are but harbingers of a brighter future now dawning on an invalid world. Still something more in a small and convenient form is needed, less cumbersome than the galvanic battery machine, and that something I have been trying for years to get up, and believe I have succeeded. I have made a small pocket galvanic battery, a little larger than a half dollar, composed of layers of zinc and copper, on the principle of the voltaic pile, and filled between the zinc and copper with a dry acid, (sulphate of copper.) This convenient little pocket piece is to be held in the hand or applied to any part of the body where there is pain, swelling or soreness, the white or zinc side next to the flesh; or both sides may be used next to the surface, the zinc side for drawing and relieving, and the copper side for scattering and driving away. Thus if a bealing or gathering of any kind is wanted to be scattered, dissipated or put back, then apply the copper side next to it; but if the gathering is too far along and must be brought to a head so as to discharge, then

the zinc side must be put next to the swollen surface. For drawing the blood down from the head, hold it in the hand or apply it to the sole of the foot, the zinc side next to the flesh. This nice little magnet can be used for many complaints, and can be carried along and be always ready for use; and besides relieving many complaints, it is the very best magnet to place in the hand of a person whom you wish to magnetize (mesmerize). An operator can succeed with this in many cases where he would have failed by other means. Still I don't claim that this instrument is so perfect but that a better one might be invented, and perhaps will be, yet it is the best that I know of now, and is well worth the price, (*only* one dollar,) and can be sent by mail to any address; and as there is quite a demand for them, I have arranged to keep a supply on hand for customers.

There are other methods of employing galvanic electricity, such as galvanic rings, galvanic paste, galvanic plasters, and galvanic poultices, but as they are of but little use, and their place better supplied by the galvanic pocket battery above described, we need not now take time to describe them, but will proceed to speak of other electric remedies, chiefly in connection with the galvanic battery, or in which galvanic electricity is the principal agent acting through some other mediums, as water, for instance, whereby we have different kinds of electric (or electrified) baths, such as electro-chemical baths, electro-therapeutic baths, electric pack, electric girdle or electric compress, and others, embracing

all the ways in which electrified or magnetized water can be applied in large or small quantities to the human body.

First among them we will describe the electro-chemical bath, for the elimination of all foreign substances out of the human body. It was first supposed that only mineral substances, such as mercury, lead, iron, zinc, copper, sulphur, etc. etc. could be extracted from the system by the electro-chemical bath, but my experiments and success has clearly demonstrated that poison, inimicable unassimilated vegetable substances, can be removed in the same way, such as quinine, strychnine, tobacco, opium, etc. etc. In the electro-chemical baths generally metal bath tubs have been used, but these I object to. Metal bath tubs should not be used for any kind of an electric bath under any considerations whatever, and right here I enter my uncompromising protest against them for all time to come. Those who do use the metal baths may do some good with their electric baths, but the metal from the bath tub will do harm, and in some cases more than counteract the good done by the electric current, for the metal of the bath tub, and also the water in the tub that surrounds the patient, becomes electrified, by the galvanic electricity, and is to some extent decomposed by it, and the water being a better conductor than metal, receives the decomposed metal, however little that may be, that is then in the water, and the body of the patient, being a better conductor than the water, receives the mineral from the water into itself; thus great injury is

done, paralysis and other diseases are produced, and the good cause brought into disrepute by bad management. It is easy to see that the electric current would decompose more or less of the zinc or tin bath tub, when the electric current will decompose and dissolve harder metals, such as gold and even platinum; and no matter which *way* the current runs in the bath, some metal of the tub would be decomposed and disintegrated by the dissolving power of the electric current, and the water receive it and convey it to the patient; thus harm must be done, and I say again, once for all, never use metal tubs for any kind of electric baths. And again some use two bath tubs, one for a negative bath and one for a positive bath, and both being generally of metal, two of course is still worse than one. They first essay to give a negative, or a cleaning, relaxing, and depleting bath, by having the current run from the patient to the bath tub; then they take the patient out, wash him off and put him into *another* bath tub, then change or reverse the current, and have it run from the bath tub to the patient, this is their toning up, strengthening positive bath; and as the current runs from the metal tub to the patient, this is the time he gets the most mineral into his body from the metal tub. Only one tub is needed, and that must be a wooden one, and thus all the harm will be prevented, and all the good received, unmixed with evil. I know that some of their patients are benefited by the bath, but much more good would be done by the substitution of wooden bath tubs. Many of their

patients, who do seem to improve in health and in *weight*, are only toned up and increased in weight by absorbing the mineral from the bath, which tones them up for awhile, as does the internal administration of iron, so much used by the old practice, and, like the patients who have taken iron, they are buoyed up for a short time, only to fall lower afterwards, or take paralysis and die with it, as did General Jessup, in Washington City, last spring. If a wooden bath tub had been used no such results could have happened.

This and such like cases of ignorance and mismanagement have caused all the objections that could be raised against it by its most interested opponents; but we intend, as far as it is in our power, to remove all objections that are or might be raised against any part of the Electro-Hydric System of Practice, that it may stand out in bold relief, free from all objections, the light, and hope and health of the world.

Electric baths are good things when rightly administered, and as such belong to our electro-hydric system. Our new system of practice is like a great tree, the "tree of health," and has many branches. for it takes in all the ways in which electricity and water can be used, either separate or together, and all the herbs in which the electro or hydric (the positive or negative,) principles are found. The electric baths in all their varieties being one branch of that tree, and but one branch among many, still it is a necessary branch, and being such it is absolutely essential that it should be employed in a

proper manner. I will therefore proceed to describe the different varieties of electric baths, and the proper methods of their employment.

First, then, the tub used should be made of the hardest and closest grained wood, planed very smooth, and made quite large, with plenty of room for the patient to lay down in, (*no straps or cross pieces or supports are needed*) But we will arrange this tub first for the electro-chemical bath, for removing all mineral and vegetable poison from the human system. At the foot of the tub is placed a flat piece of sheet copper to rest the soles of the feet against, not larger than the bottom of the feet and insulated from the foot of the bath tub. The negative pole of the *direct current* is to be fastened to this plate, so that neither the plate nor the pole or conducting wire shall touch the bath tub. The patient lays down on the bottom of the tub, with tepid or warm water enough to cover him, with the copper plate and his feet out or above the water, then place the positive pole or wire with a sponge on the end of it in the water just above the patient's shoulders but hanging loose in the water touching neither the wood of the bath tub nor the flesh of the patient. The wire of the conductor should be insulated from the edge of the tub that no electricity would pass into the wood—the positive conductor with the sponge to it may be moved along in the water along side of any part of the body, but not touching it or the tub, but the water only, thus the whole tub of water is electrified and becomes like a great magnet or helix, throwing out its induced mag-

netism, and the patient's body being the best and only conductor that is in any way connected with the water, it receives all the electricity from the water; thus the body becomes full of electricity, that is, decomposing the minerals and washing them and all vegetable poison out of the human system, and making it pure and clean, and the current running to the feet (*above water*,) carrying all impurities with it; this is an excellent bath, the patient is bathed as it were in an electric ocean or sea of magnetism.

The water used in this bath, and in all baths, should be pure and soft, and used warm. Warm water is a much better conductor than cold water, and cold water should seldom be used in any case except to quench thirst or to cool down a hot fever. Some put in salt, and some sulphuric acid, to render the water more negative, but nothing of the kind is needed, nothing but pure soft *warm* water, so that there will be no impurity to pass into the body with the water, (and that the water does pass into the body is evident by the filling of the bladder, and increased desire to evacuate its contents,) therefore the body of the patient should be perfectly clean before getting into the bath, that there may be nothing on the surface to be carried in. And the bath tub should be well washed before giving a bath to another patient.

Remember, as I stated before, the current used for this kind of a bath should be the direct current from a direct current electro-galvanic machine, and for this purpose Dr. Smith's is the best; that is, his

direct and to-and-fro current machine, all in one machine. Thus one machine will do for both currents, and for all purposes. For this bath two crystal galvanic cups had better be used, or what is better, two of my improved cups, before described; and the power should be put on so as to be felt pleasantly by the patient, and continued about thirty minutes; then the patient should be taken out, rubbed dry, put on his clothes, and walk out briskly for a short time, to produce circulation and warmth, without fatigue. These baths may be repeated every second or third day, as the circumstances may suit. About five or six of these baths are sufficient to cleanse the system, then the tonic baths should be given; a tonic bath might follow each of the depleting baths without getting out of the tub. Some persons can bear and require more of these first or depleting baths than others, and men can bear more than women, and it would not be judicious to give this kind of bath to ladies suffering with prolapsus uteri, but all the tonic electric baths can be taken by a woman at *any time*.

This depleting or extracting bath might properly be called the electro-hydric chemical extracting bath. There is another method of extracting mineral and vegetable poisons from the human system, more simple and perhaps quite as good, which I have adopted for the sake of convenience when traveling about, or when visiting patients that could not come to bathing rooms; it is a simple electro-chemical foot bath for applying the water *only* to the feet, this foot bath answers every purpose, and can be

taken sitting in a chair in a bed-room or in a parlor, and arranged in this way; an earthen vessel about eight inches wide and twelve long, with the sides and ends or edges about four inches high, but the shape is not particular, any earthen vessel or deep plate will do, or even a wooden vessel; this should be partly filled with warm water, and in this water may be put a little salt or a few drops of sulphuric acid; as this water does not enter the body no harm can be done with the salt or acid, and it will make the water more negative, and will better attract and draw down any foreign substance from the body. Into the water and on the bottom of the vessel put a copper plate, to which is fastened the negative pole of the *direct* current, the patient places his feet in the foot bath, the soles on the copper plate, holding the positive pole in his hand, or it may be put at the back of his neck, and now put on the power so that he can bear it. Two galvanic cups may be used, but one cup in good order is generally enough. This should continue about thirty or forty minutes, and may be repeated every day in robust patients, but in weak ones not so often. The tonic treatment may succeed every foot bath for about twenty or thirty minutes. Or even a more simple plan will do when required; for instance, the copper plate may be used without the bath, and this could be applied to the soles of the patient's feet in bed, and answers quite well if the plate is moistened with salt water; thus we make our baths to suit all conditions and circumstances.

This electro-chemical foot bath is an excellent

thing, and easily employed. As one instance of its use I will here copy an editorial from the New Albany Daily Tribune of Oct. 8, 1860, headed

"THE TRIUMPHS OF SCIENCE—*Calomel, quinine, and other foreign substances extracted from the human body by* ELECTRICITY.—Dr. Campbell, the founder of the Electro-Hydric System of Practice, has a convenient and effectual method of removing deleterious substances from the human system. On Saturday last Mr. Allis came into our sanctum with a copper plate, on which were large quantities of quinine, which he said Dr. Campbell had extracted from his system by placing the copper plate to the soles of his (Allis') feet, and passing a current of positive electricity down through his body. Mr. Allis had taken large quantities of quinine for fever and ague, and the quinine had remained in his system causing his bones to ache—giving him severe pains in his head, and rendering his limbs, feet and hands so swollen and painful that he could hardly walk; but now, since the quinine has been removed, he is entirely relieved and gone to work. This is certainly a discovery of vast importance to the many chronic sufferers with which our city and country abounds."

This case so graphically described above by the editor, is only one of hundreds that have been relieved in the same way; and everywhere there are many others suffering from calomel, quinine, or something of the kind in their systems, that could be removed, and the sufferer relieved in a short time and at small expense.

We will now speak of the electric-therapeutic bath, or the electro-hydric tonic bath, which is very useful in building up debilitated patients. The same kind of a wooden bath tub is used as for the electro-hydric chemical, or extracting bath, or the same tub will do; but the insulated copper plate at the feet will not be needed for this tonic bath, as the feet of the patient as well as the body must be immersed in the water, and not touch the foot to the bath tub. The same kind of pure soft *warm* water is used, and the patient lying down in the water, his body being first cleaned off, the negative pole being fastened to a sponge, it may be placed on or touched to any weak place about the patient, such as on the back, stomach, breast, side or bowels, always remembering that the negative pole must be placed to a weak or relaxed part of the body; that having been done, the positive pole may be suspended in the water, not touching the body or tub, near to a weak or sore place, and on the opposite side of the body from the negative pole, so that the current will pass through the body: the positive pole can also be moved about as the case requires. The power should be put on pretty strong, and the positive pole kept away from the body and from touching the tub, so that the water be well magnetized. This bath may continue from twenty-five to thirty minutes. Either the direct current or the to-and-fro current may be used for this bath, but the poles must be placed in the same way respectively. If the direct current is used, more power will be required, and the piston rod can

be pushed further into the helix, thus increasing the power to any desired strength. This bath can be given immediately after the depleting extracting bath, and in the same water. After taking the extracting bath, all that there will be to do will be to clean off the soles of the patient's feet, drop them in the water, and change the negative pole from the foot plate to the spine and across the small of the back of the patient. It may also be moved to the stomach and other weak places as before described, and to place the positive in the water free from tub and patient, moving it to places opposite to the negative pole, as before described. The positive pole may also be held in the hands, and may sometimes be placed on or near the back of the neck. This bath may be employed every two or three days and for it I prefer the to-and-fro current.

There are other ways in which electricity and water can be employed in the cure of disease, such as half baths, sitz baths and foot baths, as the general principles of the electro-hydric system of practice will dictate.

There is another way very effectual and more convenient that can be taken at home in every family, and is truly the poor man's electro-hydric bath, and is an invention of my own. It is taken in this way: the patient is disrobed and wrapped up in a wet sheet and covered up with blankets and quilts or comforts warm in bed, with the head out and raised quite high, having first drank all the cool water the stomach will hold, and then in addition to this pack, (for so far it is taken precisely

as a pack,) electro-magnetism is used by placing the positive pole of the to-and-fro current to the back of the neck, *outside* of the wet sheet, and then placing the negative pole to the bare soles of the feet *inside* of the wet sheet; in this way the electricity passes into the body at different places through the wet sheet, and the body appropriates it to its uses and demands, and throws its grosser residue with the impurities of the body out at the feet. Perspiration may be induced by it, also the pores of the skin opened, and bile and other impurities removed from the body, thus purifying the whole system. This is indeed an excellent bath or pack, and is especially adapted to all fevers, and can be employed by any one in any family—all that is needed is the electro-magnetic machine, (and one of these valuable instruments should be owned in every family,) water, sheets, blankets and quilts are always at home in every family. This bath or pack may be continued from thirty to sixty minutes.

There is still another method very efficacious, in which electricity and water or *steam* can be employed in the cure of disease, and this process we call the electric vapor bath, and is given in this way: a tea-kettle or tin sauce pan, or some convenient vessel, is filled with water, and put on the fire to boil; this vessel holding the boiling water must have a lid with a hole in it about a half inch in diameter, into which must be put a tin tube a half inch in diameter, and about six feet long with a short elbow to fit into the lid, and with an elbow at the other end also, and its end spread out like a funnel; the patient's clothing

is to be removed the same as for a pack or bath, and having drank plentifully of cool water, he sits down upon a cane seat or split bottom chair, so that the steam or vapor can pass up through it; blankets and comforts are put around him to keep the vapor in and keep him warm; the blankets, etc. are put tight around his neck leaving his head out, and now all being ready, the tin tube may be inserted into the hole of the lid covering the vessel in which the water is boiling, the other end of the long tin tube must extend under the chair and have its funnel mouth turned down, so that the vapor will spread, and the blankets and quilts must be close and tight around the chair, so as to keep the vapor in, but the blankets may be loose around the body of the patient, so that the vapor can pass up as high as the neck, and the water kept boiling to keep up a supply of vapor. And now the vapor part being all fixed, the electro-magnetism can be applied by putting the negative pole of the to-and-fro current to the patient's feet, and the positive to his neck; put on the power so that he feels it mildly, continue about a half hour or until he sweats freely, then he should be washed off and rubbed dry, dressed and allowed to walk out if able; or if the patient is low or weak he may cover up in bed; and if he is very low the bath may be taken in bed. This is an excellent bath, especially in cases where profuse sweating is required, as in fever, and where bile and other impurities are to be eliminated from the body. Some use sulphur and other medicated baths, but they should never be used, the simple electric vapor

bath above described is all sufficient, and the only one that is needed in any case in which a vapor bath is appropriate.

On the above general principles electricity and water may be employed together in many ways, and for many purposes, as conditions may require and experience dictate. Electricity (or electro-magnetism, i. e., the union of electricity and magnetism by the galvanic battery and helix united, as before described,) may be employed alone in the cure of disease, electricity being the positive half of our great curative system, is the appropriate remedy for all negative diseases, i. e., all diseases of weakness, debility, and exhaustion, and these in fact are the majority of all the diseases that afflict mankind, and especially the fairer and frailer portion of human kind. It can be employed best by the crystal battery electro-magnetic machine made by Dr. S. B. Smith, of New York, its description I have given further back, and it only remains for me to show how to *run* and apply it to the human body in the cure of disease. First, to set the machine in motion, open the box and put the helix on the edge cross-ways, with the lower ends of the brass posts that project down through the helix board, resting in the holes in the edge of the box; set the battery cup in the other part of the box, and see that the helix is arranged with the end next to you at which the piston rod pulls out, and the cup in the other half of the box to your left hand; next prepare the battery cup by filling it about two-thirds full of water, then put in one ounce of quicksilver, (some of which

must be kept constantly in the bottom of the cup to prevent the acid from corroding the zinc,) then put in half an ounce or more of sulphuric acid, and then put in the zinc and platinum arrangement; and now standing facing the machine with the helix to your right hand and the cup in the box to your left hand, you take the connecting wires and put one end in the third post from the end of the helix next to you, and at the side of the helix next to the cup, and the other end of the same wire you put into the round brass post that goes down through the wood between the two zinc plates, and connects with the platinum plate between the two zincs; then take the other wire and put one end in the second post from the end of the helix next to you, and put the other end into the hole in the brass clamp that connects with the two zincs, and holds them together. And now the connections being all made, the machine is ready to *run*, and if it don't commence to run of itself touch your finger against the end of the little hammer on the spring, and start it vibrating, and the machine is in motion. And now still standing facing the end of the helix at which the piston rod pulls out, take the little brass pin connected with the covered tinsel cord that conducts the electricity to the poles or handles, stick this little brass pin into the hole in the right hand post at the right hand corner of the helix board, at this post passes the negative current; and now take the other cord and put the pin into the other post at the left hand corner next to you; from this post comes the positive current—this end

of the machine is called the to-and-fro current end, for reasons before described. The strength of the current is regulated by pulling out the piston rod to make it weaker, and by pushing it further in to make it stronger; in applying it to a patient it should be put on just strong enough to be pleasant to the feelings of the patient, and regulated in strength to suit each individual case, and to suit the part of the body to which it is applied, some parts of the body, such as the head, face and neck, being more sensitive than others, and should be applied for a shorter time; other parts of the body will bear more, and for a longer time, say from twenty-five to thirty minutes, or even hours. This to-and-fro current is used in all negative diseases as heretofore stated, and for a full description of its uses in that large class of disease, see the chapter on diseases further along in this book. But we will here state that its general principles are to put the negative pole to the weakest place, and the positive pole above it or on the opposite side of the body, and as a general rule, in all cases of soreness, inflammations, or swellings, put the negative pole some distance below the place, and the positive pole on or above the place. The treatment should continue from twenty to thirty minutes, and during that time the positive pole should be frequently passed over the place, but the negative pole may remain in one place. And in passing a current lengthways through the body, the positive always should be put above and the negative below.

At the other end of the helix are two posts, out

of which come the direct current ; and as you face that *end* of the helix, the right hand post is here also the negative, and the left hand post the positive pole. This direct current is not near so strong as the to-and-fro current, and is also regulated by the piston rod. This direct current is useful in many ways besides in those packs, electro-chemical and electric foot baths before mentioned. It is useful in all scrofulous swellings, all tumors, nodes, goitres, etc. It is the current employed in extracting teeth without *pain*, and the process to accomplish this desirable object is to place the positive pole in the patient's hand, with his hand on that part of the handle that is covered with leather, and have the negative pole or cord fastened to the forceps, they being coated over with gum shelac solution, or with gutta percha, so that the current will not pass into the lips or gums ; the forceps being placed on the tooth under a gentle power of the machine, and all being ready, the patient puts his other hand on the uncovered part of the handle, thus making the connection complete ; the current now passes round and out at the tooth, the operator then pulls the tooth with but little or no pain to the patient. There are other arrangements for letting on the power at the proper time, by using a foot break, by which the operator can put on the current just as he is ready to pull. The reason there is but little or no pain, is because the current is passing around from the hand to the tooth, and on past it along the forceps and cord back to the machine ; and as this is a *direct* current it can only pass one way,

and the negative being the strongest, it attracts all back to the machine, there being therefore no current passing to the brain no pain is felt, because no intelligence of pain is carried to the brain, the organ of feeling and sensation. Insensibility to pain can be produced on the same principle in many surgical operations. There are other ways and conditions in which the direct current can be employed, which we will explain in our chapter on diseases.

We will next introduce our electric herbs and magnetic remedies, and their modes of preparation, and leave their modes of application for our chapter on diseases. Some of the electric herbs are positive, and some are negative in their character, and herbs are only valuable as curatives as they possess one or other of these conditions, as all diseases are either positive or negative in character, a medium between that being health, so all remedies, to be appropriate, must be either positive or negative.

First among the positive herbs is penny-royal, and especially is its oil a powerful positive, and is therefore good in cholera and other negative diseases. We will here name the principal positive electric herbs and animal products:

Penny-royal,	Allspice,
Wild Cherry Bark,	Resin,
Columbia Root,	Sodas,
Pepper,	Peruvian Bark,
Cod Liver Oil,	Dogwood Bark,
Pearlash,	Nervine Root,
St. Ignatia Bean,	Peppermint,
Poplar Bark,	Gums,
Gentian Root,	All Alkalies.

The negative herbs and minerals used in positive diseases are :

Catnip Leaves,	Lemons.
Slippery Elm Bark,	Molasses,
Green Tea,	Bananas,
Colocynth,	Cream of Tartar,
Spikenard Root,	Iron,
Apples,	Sulphur,
Sugar,	Borax,
Limes,	Chesnut Leaves,
Vinegar,	Oak Bark,
Silver,	Sage,
Zinc,	Leptandren,
Alum,	Geranium Root,
Indian Hemp Leaves,	Oranges,
Basswood Bark,	Water,
Flax Seed,	Pomegranates,
Mandrake,	All Acids,
Potatoes,	Lead,
Gelseminum Root,	Salt,
Carrots,	Nitre,
White Indian Hemp Root,	

And other negative substances that are appropriate in the cure of positive diseases.

There are other vegetable and mineral substances that are neither positive nor negative in their character, but are *neutral*, and can be rendered magnetic by being charged (filled) with electricity from a magnet or from a galvanic battery; and some herbs can be so compounded that their union renders them magnetic; and these compounds can be made still

more magnetic by being magnetized from a galvanic battery; and some simple preparations can be magnetized by friction and by the hand, or by putting them into a new glass vial and shaking downward; or with downward passes—*all passes for magnetizing should be made downward*; but the more potent way is to magnetize the preparation with a strong galvanic battery, let the current *pour* into it for two or three hours by placing the ends of the wires both into it, the ends not touching, but being some distance apart. My electrical nerve pills are made by saturating large sugar of milk globules or pellets with a strong tincture made from the St. Ignatia bean. These pills are powerfully electric, and are the very best electric medicine in the new practice, and are invaluable in all nervous weaknesses and all diseases of debility, and all mental derangements. We can furnish these pills already made for twenty-five cents a hundred, or one dollar a thousand.

My magnetic salve, so highly prized by all who have used it, is made of compounds that make it powerfully magnetic, and then after the salve is made it is still made further magnetic by the galvanic battery. The formula for making the magnetic salve is as follows:

Take one gallon of hard cider, put in a crock or stone jar, and put into it one half pound of common tobacco leaf, set in a warm place for twenty-four hours, then squeeze out the tobacco, and strain the juice and boil it down to about three pints; then put in one pound and a half of good fresh lard and

half a pound of resin, half a pound of new beeswax, a quarter of a pound of white beth root, finely pulverised; these all should be simmered down over a slow fire, (on an open fire-place is best so that the scent of the tobacco will pass off up the chimney,) for about two hours, then set it off and while warm put in two ounces of camphor gum finely pulverized, and one ounce of oil of sassafras; let the salve settle and cool, and when it is settled and cooled, lift off the salve from the top and leave the tobacco settlings in the bottom of the pot; the clean salve may then be put into some other vessel and well magnetized with the galvanic battery by the process before described, when it may be boxed up for use. This is believed to be the best salve ever made for any and every purpose for which a salve is needed. Its many uses will be explained when we come to the chapter on diseases.

Dr. S. B. Smith, of New York, makes an excellent magnetic salve, but my patients say not as good as mine, yet I believe his to be next best; he sells it at the same price as mine, twenty-five cents per box, or two dollars for a dozen boxes.

My negative pills, (commonly called anti-bilious and liver pills,) for all positive diseases, and for all positive conditions in negative diseases, is the very best pill yet invented, and as a family pill in every case in which a cathartic is needed, none can be found better—they are safe, and sure, and harmless, and are made of the following ingredients:

Extract of colocynth compound, -----	4 ounces.
Alcoholic extract of podophylum, -----	4 “

Alcoholic extract of leptandrin, -----	2 ounces.
African ginger,-----	2 “
Sanguinaria canadenses,-----	2 “
Castile soap,-----	2 “
Podophiline, in powder,-----	1 “
Capsicum, -----	1 drachm.

Make into small sized pills. Dose, two or three.

I put these pills up in boxes ready for use, twenty five cents per box, or can furnish them to customers at fifty cents per hundred, or two dollars per thousand.

Tincture of cannabis indica (made from the leaves of Indian hemp). Tincture of asclepeas incarnata made from the roots of white Indian hemp, *made double strength*. This last is what I have named GOOD SAMARITAN, from its great value in curing all private and distressing diseases of the urinary organs. These tinctures and many other simple preparations, constituting our magnetic remedies will be spoken of in their proper application in the cure of disease. Always remembering however that they are only auxilleries in the cure of disease, and are only valuable as they meet either the positive or negative indication of disease—our main remedies still being electricity, by the galvanic battery, and water, by its various applications, electricity being the great positive and water the great negative of our great dual system of medical practice. And as we have spoken pretty fully of the positive part of our remedies, it remains for us now to speak of the negative part, which is pure soft water.

Mankind are well acquainted with water, and understand many of its uses; still something may

be said of its curative effects when applied as a negative in the treatment of positive diseases, such as fevers, inflammations and colds, engorgement of the pores, tissues and glands, and all impurities of the system. There are so many ways in which water can be used in the cure of disease, and so easily understood by persons of common experience, that we need not mention only the most important ones. We have explained pretty fully the use of water in connection with electricity, that it is only left for us to speak of its use by itself.

The wet sheet pack is an important mode of application, it is taken in this way: a clean sheet is wet in cool water and wrung out *loosely*, and then spread on a bed on which has been spread a blanket and two or three comforts, (*under the wet sheet*,) the patient having drank large quantities of cool water and evacuated the contents of his bladder, takes off his clothes and lays down on his back on the wet sheet; the sheet is then wrapped over him from both sides and tucked in around his neck, then the blanket is folded over from each side in the same way, then the comforts are each folded over in the same way, wrapping his feet up warm and putting the clothes tight around his neck, leaving the head out and well raised on pillows; if he is hard to warm hot bricks or bottles of hot water may be put to his feet and sides, and if blood, or heat, or pain troubles the head, put on it cloths wet in cold water. The patient may remain in the pack from half an hour to one hour and a half, or until he sweats, and while in the pack he may drink more

cold water. When taken out he should be wiped off and rubbed dry, then put on his clothes and walk out or take brisk exercise; or if not able to walk out he may be wrapped up warm in a dry bed.

The rubbing or dripping wet sheet is an excellent application to cool off hot fevers and a burning skin, and is excellent for quieting the nerves, calming the system, and producing sleep. It may be taken in any family in any room, by disrobing the patient and standing him in a large sized wash tub; then the assistant takes a sheet wet in cold water and takes it up dripping wet, and spreads it over the shoulders and back of the patient, and wrapping it all around him, from his neck to his feet or legs, and then rubbing the smooth *flat* hand briskly over his back, while the patient does the same in front; this may continue about five minutes, and then he should be wiped dry, put on his night clothes and go to bed and to sleep. In cases of high fever or much heat in robust persons, the wet sheet may be repeated two or three times before drying off.

The whole bath in a full length tub is a good cleansing bath, but should not be continued long nor repeated often, especially if the patient is much reduced by disease. This is a powerful bath from the fact of so much water being used, and is perhaps the most negative of all baths, and should be used with caution; the half bath is nearly the same in kind and effect, only less depleting.

The sitting bath is an excellent local application for many weaknesses and diseases, and may be taken in a common tub with water enough to come up

around the hips. In all the above baths in which much water is used, it should not be very cold, nor should the bath be continued longer than from fifteen to twenty-five minutes; and after all depleting baths brisk exercise should be taken, or better than all, the toning up effects of the galvanic battery should be employed.

There are still many other ways in which water can be used, such as wet compresses, and bandages for the neck, body and limbs, in all cases of inflammations, pains, sores and swellings. Water may be drank freely in all fevers, and may be freely injected into the bowels in all cases where opening, cooling and soothing remedies are needed; in fact, water, being a negative, may be used in all positive diseases. For fuller details on the use of water in diseases, see "Trall's Encyclopædia," and other standard works on hydropathy.

You will now perceive that our new system of practice combines and comprises all that is valuable in electricity, or electropathy, in its most improved modes of application, and all that is valuable in the water-cure or hydropathy in its most improved modes of application. It also includes the whole range of electric herbs and magnetic remedies, in their choicest selections, and best improved modes of preparation and application. To this ample system of treatment and mighty array of nature's unfailing curatives, in themselves infinitely more perfect than all other systems and means for the cure of human ill, we may still add the infinite and inexhaustable powers of HUMAN MAGNETISM. The philosophy and methods

of wielding this sublime power, with all the necessary explanations of this occult science, will be fully unfolded in our part of the book on magnetism, while its application for the relief of human sufferings will be found in our chapter on diseases. And we might here add that our new system, the electro-hydric practice, is not only valuable because it combines and comprises all the virtues of electricity and water, electric herbs, and magnetic remedies and also human magnetism, but more especially is it valuable because of its dual or positive and negative principle of cure, which is exactly adapted to the positive and negative (or acute and chronic) nature or condition of disease; and now having introduced our new system, its remedies, principles of cure, and modes of application, we may begin our chapter on diseases—what they *are*, and how cured by our remedies.



CHAPTER ON DISEASES.

• POSITIVE DISEASES, FEVERS, ETC.

Bilious fever, in any of its forms, is a common disease of warm weather and of bilious latitudes, most prevalent during and after hot weather; it is milder in cool latitudes and more severe in hot, running into yellow fever in hot southern latitudes. In the west and middle states this fever assumes many types and symptoms, and goes by various names according to symptoms and severity; but it is fever nevertheless, positive in its

character, and must be treated accordingly. Whether it be yellow fever or any of the lesser grades and milder forms, down to the gentle intermittent, all are to be treated on the same negative plan, remembering that the more severe the attack the more urgent and powerful is the remedy needed.

Mild intermittent fever of all climates may be soon relieved by a daily pack and mild sweat, the bowels acted upon by the negative pills, and the daily and free use of the battery machine or electro-magnetic machine, to tone up the system after the depleting effects of the water. The negative pole applied along the spine, and the positive at the back of the neck and in the hands alternately; and for this, as in all cases where a tonic is needed, the to-and-fro current should be used and continued about half an hour. As soon as the fever is subdued, the water and physic and all other depletives should be discontinued; but the tonic electricity may be applied daily until strength is restored.

FEVER AND AGUE,

Another form of this fever, and one in which the negative and positive alternate, while the chill or shake, which is the negative condition, is on, positive remedies should be employed, such as hot stimulating *external* applications, (hot internal remedies should not be used for they would make more *positive* the fever stage.) the steam or vapor bath, or a sweating pack taken in a dry warm blanket with bottles of hot water or hot bricks, or hot boiled ears of corn with the husks on, applied

to the feet and sides; electricity may also be employed by applying the negative pole of the to-and-fro current to the small of the back, across the spine, and the positive pole across the nape of the neck, under a strong current; and sometimes one pole applied to each foot is good. Just as soon as the negative condition or chill has been overcome, and the positive condition or fever commenced, change the treatment, and apply the negative or cooling application, such as the whole bath in cool water, or half bath, or rubbing dripping wet sheet, or in any way most convenient by which you can apply the powerful negative (cool water) to the patient, to subdue the positive fever; and when the negative condition or chills has been shortened or subdued altogether by the *positives*, and the positive condition or fever has been shortened or prevented altogether by the *negative* treatment, there will be but little sweating or exhaustion follow. The above treatment may be resumed as often as the chill returns, which will be but a few times. Other parts of the day may be improved in removing the *cause*, the bile, from the system, by cleaning out the stomach and bowels with the negative or anti-bilious pills, and cleaning out the pores of the skin with packs, sweats or vapor baths—correcting the liver and toning up the stomach with bitter tonics, such as bone-set, columbo, gentian, or wahoo roots, in tea or in bitters, and the blood may be cleansed by taking every morning fasting, a tea made of young burdock leaves, or from the roots if the leaves can't be got. The patient's general strength may be

increased and the nerves and whole frame set in good order by the toning effects of electricity, applied along the the spine, and on the stomach and liver, in the hands and any weak part.

This is the only rational and completely successful mode of treatment for this troublesome disease so frequent in the north west and south west; and I am thus explicit in giving full and plain directions for the cure of this complaint, that all who have this book may cure themselves and their friends easily and quickly, without taking any injurious medicines.

BILIOUS FEVER,

In all its forms and grades can be subdued in a *few days* by using the negative, water, in its most convenient forms, such as the whole bath, the half bath, the wet sheet pack, the dripping wet sheet, or any way in which the fever can be best cooled down. The negative pills should be taken to carry off the bile and a sweat to clean it from the pores of the skin. For sickness of the stomach a small piece of salaratus or soda dissolved in water and then a tablespoonful of sharp vinegar poured into it and drank down *immediately* while it is *foaming*, will soon allay all sickness, and check vomiting.

After the fever has been overcome the negative treatment may be discontinued, and the positive electricity commenced, and the positive herbs or tonics may be added, such as columbo or wahoo as cases may require, but very little tonics will be needed, as the fever having been subdued so soon, the patient has not become weak.

YELLOW FEVER,

So prevalent and so much dreaded in the south, is but a highly positive and exaggerated form of bilious fever, the burning hot sun of the sunny south increases the carbon or bile of the system and a torpid liver does not collect it in the gall (bile) bladder, and send it out of the body by the bowels, but lets it pass by the blood through the general circulation to the head, eyes and surface of the skin—firing the brain, coloring the eyes and skin with its yellow substance, heating the blood and producing fever of the most positive character. This being its causes and nature, its treatment is clearly indicated according to the principles of our positive and negative, or electro-hydric practice.

Yellow fever being a powerful positive disease, powerful negatives will have to be employed with all possible dispatch, and positives excluded. The patient should be put to bed in a small room with but little ventilation—as dry air is positive he should get no more of it than will answer for purpose of respiration—then water, the great negative, should be employed in sweats, vapor baths, and in every way in which warm water can be conveniently applied for the thorough opening of the pores of the skin, and *soaking* out the bile; the bowels should be freely opened by the negative pills or warm water injections, and the pulse should be reduced by taking every twenty or thirty minutes ten to fifteen drops of tincture of veratrum viride, or twenty to thirty drops of tincture of gelseminum, or some other of the powerful negatives. If the patient sinks in

an exhausted condition, brandy or other stimulants must be given; and just as soon as the fever abates, the negative treatment having done its duty, the positives, electricity and the tonics, must be commenced; and care must be taken that the patient does not get too low before the positives have commenced to vitalize, sustain and build up. The negative pills and a sweat or vapor bath taken occasionally to work off the collecting bile, would be a good preventive of yellow fever.

BROKEN-BONE FEVER,

Is the name given to a painful but less dangerous type of yellow fever, somewhat prevalent of late in wet low lands of the South. It may be treated on the same general principles as yellow fever, or a middle course between that and bilious fever. Cool water should be used by the wet sheet pack, and by bandages and compresses, to subdue the pain, and other soothing remedies in addition to all the means of cure employed in yellow and bilious fevers.

TYPHOID FEVER,

Is a mild lingering form of typhus fever, with this difference, that it affects the nerves of the body more and the brain less than typhus fever; and it differs from bilious fevers in being less positive and more prostrating. Our negative remedies therefore to subdue this fever may be more mild, and we may commence the positive treatment sooner. Mild sweating, occasional packs, and the bowels opened with the negative pills, with some sweating herb

teas, such as sage or penny-royal, (and these herb teas should be used in all fevers,) after these fever-subduing means have fairly began their work, the positive treatment may commence, electricity by the electric machine, by human magnetism, and by the electrical nerve pills will finish the work, and restore the patient to health in a short time, without in any way impairing the patient's constitution, as the old modes of treatment generally do. In the typhus form of this fever, when there is a tendency to inflammation of the brain, producing pain in the head and delirium, apply cold to the feet and body, and warmth to the head, right the reverse of the old treatment. The milder the form of fever, the less negatives need be used; and the more debilitating the disease, the more positives are needed.

There are many other fevers arising from colds, sores, injuries and excitements, and should be treated on the same positive and negative principles, i. e., by reducing the fever, heat, pain, soreness and inflammation with the negatives, and then toning up with the positives. Colds produce inflammation, soreness and cough, and these are positive conditions, therefore should be subdued by packs and sweats, and by physic; persons suffering from colds should drink plenty of cold water, especially at bed time, thus to get up a reaction within and produce perspiration on the surface; and if the inflammation or soreness produced by the cold is located in any part of the body, cold wet compresses may be applied there, in addition to the above general treatment. The effects of all colds should be well re-

moved to prevent consumption and other diseases. Long continued colds, that have weakened and debilitated the patient, having assumed the chronic form, may be considered a negative disease, and treated with electricity and other positive tonic remedies ; but the fever and inflammation of any disease is positive in character, and must be subdued with negative remedies.

INFLAMMATORY RHEUMATISM.

Acute attacks of this distressing complaint are positive in their character and must be met with powerful negatives. The pores of the skin must be freely opened (which is sometimes hard to do,) with sweats, steam or vapor baths, hot teas, packs, cold wet compresses on the seat of pain, and all the negative forces of our system of treatment are sometimes needed to relieve the patient from his torture, but when this is done the positives will soon restore his strength and set him all right again.

COUGHS.

Cough from colds or inflammation of the throat or lungs can be removed by the negatives ; and a good syrup can be made of hoarhound, bone-set, life-everlasting and spikenard, sweetened with rock candy ; this is excellent for coughs. Also the tincture of *canabis indica* (Indian hemp leaves) is good in doses of about one teaspoonful three times a day ; or it may be mixed with liquorice and other sedatives.

WHOOPIING COUGH,

Is properly among the contagious diseases, and, like them, runs its time, but may be shortened and rendered lighter by soothing remedies. The bowels should be kept open with the negative pills, and the pores of the skin well opened with sweats—the cough checked with expectorants, and the whoop allayed with frequent doses of molasses and vinegar—this will put the patient through soon and safely.

The eruptive contagious diseases and fevers will next claim our attention.

SCARLET FEVER,

Frequently spreads through whole neighborhoods as a regular epidemic, very fatal in its results, and therefore much dreaded, especially by the young. This disease is propagated by contagion, and whole families may have it. It generally comes on as a common cold with fever, redness of the skin, and aching of the bones and eye balls; then, as the fever increases, the inflammation generally locates in the throat, producing swelling, soreness, and sometimes putrification; and if the disease is not soon arrested recovery is hardly possible. In this formidable disease the treatment should be thorough and complete; first, the general packs and *mild* sweats may be resorted to and open the bowels freely with the negative pills; the next thing is to scatter the inflammation from the throat, and for this many plans are resorted to; some apply salves, oils, lard, or grease of any kind to exclude the air, on the principle of treating a burn; some apply hot

mush or other poultices; but the very best application internal and external, and one in strict harmony with our dual system of treatment, and that is, as scarlet fever is a positive form of disease, and further, its positive forces have concentrated about the throat, so we must apply our most powerful negatives to the seat of positive disease, and to do that we will take good cider vinegar and water, equal parts, and into that we will put salt, these powerful negatives make a strong solution—about two table-spoonfuls of common table salt in a pint of vinegar and water, gargle the throat with this, (some may be swallowed). This also should be kept applied to the outside of the throat by a thick bandage for the neck wet in the solution; and for this purpose it may be made stronger and hot; however, this solution should be regulated in strength to suit the age and condition of the patient. This is an excellent negative, and the main remedy for inflammations of the throat. The magnetic salve spread on a piece of brown paper and worn on the throat is very good, and may be applied to the inside of the throat. Sage tea is a good drink when the above negative remedies are faithfully applied in time, the disease seldom ever gets bad; but the fever and inflammation soon subsides, and leave but a mild form of the disease. The positive treatment may then be commenced, and the patient's strength kept up by electricity, magnetism and the vegetable tonics. Then what might have been a formidable disease, easily passes away, and the patient, being but little reduced, soon recovers, and without there

being left any bad effects from either the disease or the treatment. I hope in the above description I have been sufficiently plain, so that all families can understand and apply it, and thus cure disease, and save life in their own families.

SCARLETINA,

And scarlet rash or any milder form of scarlet fever, should have a milder treatment by the same remedies. Children bathed frequently in a warm negative bath, composed of warm water with some vinegar and salt in it, would not be liable to get scarlet fever, as that kind of bath would be a good preventive, and my negative pills are good preventives of all positive diseases.

SMALL POX,

Is a terrible and loathsome disease, and one much dreaded, especially by the ladies, as it sometimes leaves its dreadful marks that mar the beauty of the fair one, and renders her less attractive in the eyes of men.

Small pox is a very contagious disease, its infection spreads in many ways, and so easily and surely, that persons who had not been vaccinated, passing by or being near to those who have it, are almost sure to take it. The modern mode of vaccination is a pretty good preventive, and if in after years those vaccinated do take the small pox, it is always in a lighter form, rarely marking any one, unless they be very *thick* skinned; persons who have not been vaccinated can take the real small pox from variloid cases, and thus the disease be spread.

Small pox comes on with symptoms of cold, cough, pain in the head, back and limbs, lassitude and great exhaustion ; and this extreme weakness is one distinguishing feature of this disease from all others, and generally a high hot burning fever. In three or four days the pimples, pustules or pox, appear first in small red pimples under the tongue and roof of the mouth, and then over the face, arms, and moist places of the body, and finally the whole body may be thickly covered over with small pimples or large red spots running together ; in a day or two longer the pox have fairly formed, looking white on the top, then begin to dry and sink, forming a little matter under the decaying cuticle or scab ; in a day or two longer the scab will loosen and come off, and will not pit or mark if the places are covered over and not picked. A little magnetic salve spread on a small piece of paper and worn over the sore will prevent marking, and thus a lady's face may be saved its beauty, and her mind its complacency. The above is the regular course of small pox, but this horrible and often fatal disease may be rendered light and short, and safe, by a timely application of the electro-hydric treatment, which should be commenced immediately on being attacked, by opening the bowels with the negative pills, and the giving of packs and dripping wet sheets to cool the fever and draw the disease to the surface. The patient may drink as much cool water as he desires, and about the time the pimples are expected, plenty of warm sage tea may be given, warm foot baths, etc. If however the patient *wishes* cold drinks instead of warm, he may continue with them.

Patients successfully treated with the negative remedies of our system will soon recover, and without being much reduced, therefore will not need much positive or toning up treatment. All persons should be vaccinated in childhood, and it might be repeated at maturity, as it *does* certainly run out in from ten to fifteen years; and if the vaccination was not renewed they would be liable to take the disease. And some persons have been known to take and have the disease in a very few years or even months after vaccination; and a few persons have been known to have the small pox the second time, I am myself an instance, the two attacks being about thirty years apart, owing to a large practice I have been much exposed to the disease. The first precaution is to get vaccinated; if that has not been done, or if persons are exposed to and expect the disease, they should get "a good ready," by low spare diet, by physicing out the bowels good with the negative pills, and cooling the blood with small doses of magnesia, cream of tartar, or epsom salts. By proper preparation the disease will be very light, and by the "new treatment" easily cured, and perhaps this is better than to vaccinate, as the trouble and dread and fear will be all over. I managed this way with my children with complete satisfaction.

MEASLES,

Is another positive disease belonging to the eruptive fevers, quite distressing in its effects, rarely fatal, but sometimes leaves bad conditions behind it, especially about the head, ears, throat and breast.

Measles is contagious, but less so than small pox. Vaccination, or its equivalent, in measles, chicken pox, scarlet fever, yellow fever, and other forms of contagious diseases, have been discussed in scientific circles, but not yet brought into practical use. Measles commences as a bad cold with a hard cough, fever and heat, and pain about the head, and red blood-shot eyes. The patient is inclined to sleep, and to moan and mutter in his *restless* sleep—this being also a positive disease, requires in its treatment our negative remedies, such as the wet sheet pack and sweating baths, sweating teas, and the negative pills, low diet and rest, and care of taking cold. Measles well treated may be over in a few days.

CHICKEN POX,

Is somewhat like mild small pox, and in bad cases sometimes marks the patient as does small pox. It may be treated in the same way as small pox, only less urgently, therefore no particular directions are here needed.

MUMPS,

Is a contagious inflammatory disease, of the local order, affecting the tonsils and glands of the throat on one or both sides of the neck, with swelling and soreness and much pain, especially when the parts are moved, as in eating or talking. Prolonged and bad cases sometimes settle in the breasts of females and in the testicles of males. This disease is positive, but being local will not require much general treatment; still the bowels and pores of the skin

should be opened to assist in scattering the disease, but the main remedy will be to apply the negative gargle, composed of water, vinegar and salt, tepid or warm, to the inside of the throat, and the magnetic salve spread on a piece of brown paper or flannel cloth and worn around the throat. The *direct* current electricity is good in this case as well as in all swellings—the positive pole applied to the outside of the throat, or what is better, to the inside at the root of the tongue and swelled sides, by fastening the conductor to a spoon and putting the handle of it as far back and as near to the place as possible; and the negative pole of the same current may be put to the stomach or feet, under a mild current for half an hour at a time. If the mumps are properly treated on this plan, and no cold taken, it will not settle *down*; but should this happen, the positive pole of the *direct* current should be applied to the swelled place and the negative to the feet. Magnetic salve or the vinegar, water, and salt wash can be and should be applied, and either of these is generally sufficient.

GOUTY SWELLINGS,

Affecting the limbs or any part of the body, should be treated in the same way, and so all diseases and conditions of this nature, whatever their name, should be treated on the same general principles—the practitioner has only to ascertain that the disease, affection or complaint is positive in its character, then apply the proper negatives at or on the seat of disease, and continue until the positive condition

has subsided, and the cure is performed ; and if in any case the patient becomes too negative, that is, weak and debilitated, then tone him up with the positives, and all will be right. This will be a correct guide in all cases of the kind.

ERYSIPELAS,

Is a disease caused by an inflamed condition of the blood. Too much carbon (or carbonate of potassium) in the blood, and acted on by the oxygen of the air, produces the *fire* principle, heating up the blood far above a healthy standard. This fire principle may locate in one place, or it may diffuse over the whole body, and scatter on the surface, producing fever ; but wherever its locality or its diffusion, it is a highly inflamed disease of the positive order, and is often very severe, and sometimes dangerous in its effects, and needs to be met with the most powerful negatives, and that in a speedy manner. The bowels should be thoroughly opened with the negative pills, cream of tartar or epsom salts, and the vapor or sweating bath should be freely employed ; and if the disease is generally diffused over the body, then the patient should be bathed in a powerful negative bath, composed of warm water, vinegar and salt, or at least should be frequently washed off with the above negative solution. Or if the disease is local, the parts may be washed off with it, and the solution kept applied to it with cloths. These negative remedies will generally subdue the disease in a short time ; not much positive or toning treatment is needed in this case, especially

if the disease has been subdued quickly, as it should be, but the negative treatment had better be continued for some time after convalescence, so as to remove all the disease from the system and prevent its return, as it is apt to remain in the blood during life if it is not well removed.

INFLAMMATIONS,

Of the throat, tonsils, larynx, or any disease connected therewith, such as pneumonia, sore throat, putrid sore throat, black tongue, or the newer disease, diphtheria, all belong to the same class of local inflammatory diseases, possessing truly the positive type, and their ravages are sometimes alarmingly fatal, and need prompt attention on their first appearance. The treatment should commence with the negative pills, to open the bowels, a pack or sweat, to open the pores of the skin. Then the negative local applications are required, the water, vinegar and salt (or negative) gargle, should be applied to the inside of the throat every few minutes, and woollen cloths wet in it, may be applied to the outside of the throat; or the magnetic salve may be spread on brown or buff paper, or on flannel, and worn around the neck. These negative remedies should be faithfully and perseveringly applied in all severe cases of this class of diseases. In all well treated cases but little or no positive treatment is required. The above simple, safe and certain treatment is within the reach of every family, and can be applied by them with complete success; and a timely application of this treatment in inflam-

mation of the tonsils will prevent their enlargement, or a necessity for their removal.

COMMON INFLAMMATIONS,

Of the throat, stomach, bowels, bladder, lungs, liver, spleen, pleura, kidneys, or any organ, are generally not very sudden in their attacks, and may be treated with mild negatives, and these mostly local applications. Among this class, perhaps, inflammation of the the bladder is the most distressing, and requires the most prompt attention. After opening the bowels with the negative pills, and the pores with a sweat or warm bath, then the negative wash (water vinegar, and salt) should be applied *hot*, over the bladder, by wetting woollen cloths in it and wringing out and changing the cloths frequently. A little warm vinegar, water, and salt may be taken by the mouth, or sweet spirits of nitre, in half teaspoonful doses may be given in a little water every hour or so.

All the other inflammations spoken of in this list may be treated in the same way, excepting the internal remedies. All the above diseases taken in time are easily subdued, and the patient, not being much weakened, will not need the positives or tonic treatment.

WOUNDS

All other inflammations from cuts, contusions, bruises, sprains or injuries of any kind, may be treated on the same principle of negative washes and applications with good success. The brain

being easily injured, must be treated with care in inflammation of that organ, but on the same general principles.

FELONS, BOILS, ETC.

Felons, boils, bealings, superating tumors, etc. are all positive affections, and require negative treatment. And first, as a remedy for them, stand my electro-magnet, or pocket galvanic battery. If the boil or gathering is not too far advanced it may be scattered (or put back) by applying and *wearing* the yellow side of the magnet next the surface; but if too far advanced, and it is preferable to *draw* it to a head, then wear the white side of the magnet next the skin. After the boil is ready to open, that should be attended to, and then a poultice of flax seed or bread and milk, or mush and catnip leaves, or something that will draw, applied to it; perhaps the strongest and best negative application is made of bar soap and sugar, equal quantities, made into a smooth salve, and applied to *draw* out all the supurated matter, and after that is done the magnetic salve will quickly heal it up; or the magnetic salve may be applied and relied on from first to last, during the whole progress of the boil. Cold water applications are good to cool and soothe hot and painful sores.

There are other positive diseases that are not generally attended with fever, and most of them are local.

BRONCOCELE.

Goitre, or swelled neck, is a local affection of the

positive kind, and can be reduced by negative remedies. The treatment should commence with the negative pills, and the bowels be kept well open with them; then the swelling should be reduced by the twice daily application of the positive pole of the direct current to it with the negative pole to the stomach, for a considerable length of time each application; and between times a wash may be made of iodine, one drachm, and hydriodate of potash, two drachms, dissolved in four ounces of rain water, and applied lightly with a feather twice a day. The above treatment must be persevered in until well. Swellings and fleshy tumors on any part of the body may be treated in the same way.

CANCERS

Are in their beginning positive in character, but pass soon into the negative condition. The positive condition requires active remedies to remove it, and for this purpose vegetable and mineral caustics are generally used. The ashes from red oak bark made into a thick paste and applied daily has eaten out cancer. A thick paste made by boiling down a number of bitter caustic barks, such as red oak, walnut, hickory, button wood, poplar, and all the caustic barks that can be collected together, applied frequently, will generally remove them. Among the mineral caustics perhaps the chloride of zinc is the best; and the best way to use it is to mix it into a paste with four or five times as much wheat flour, and spread on the place, being careful not to let any get on the sound flesh; this is pretty severe

but will do its work in a day or two. In most cases it might be made weaker by adding more flour and then be worn longer. There are still other popular remedies for cancer, claimed as secrets by their inventors. The direct current of electricity direct from a number of cups, six to ten, applied to the cancer with a double platinum wire, the wires from the battery fastened to each end and not to touch, but let the current run around by the bend in the platinum wire, this bent double part can be moved around the cancer and burn it out in a few minutes; and this, if well done, is the quickest and best of all methods. After the cancer is removed then the sore can be healed up with the magnetic salve, and other remedies used to strengthen the system and purify the blood, the best among which is electricity mildly and steadily used, other opening and cleansing means may be used with it.

The galvanic current can be applied with the double platinum insulated wire through an india rubber catheter, to gravel or stone in the bladder, the power from four to six cups constantly applied for a day or two would be sufficient to dissolve any stone the bladder might contain.

SCROFULA,

Especially that form of this terrible disease that is inflammatory, and all forms of it that produce any of the numerous skin diseases, are positive, and requires negative treatment, and that varied according to their manifestations.

SKIN DISEASES.

Scald head, crysipelas, tetter, ring-worm, salt rheum, kings evil, etc. etc. are all cured by purifying the blood with burdock, sarsaparilla, etc. sweating, and purging with cool physic, and especially is the blood cleansed by the direct current of electricity running from the neck to the soles of the feet, (the copper plate may be used,) applied daily. An excellent wash is made by putting one ounce each of alum and borax in a pint of common cheap whisky or water will do, a little soda or saleratus may be added; this should be applied warm twice a day all over the diseased surface, and the rest of the time the largest of the sores should be dressed with the magnetic salve. Warm water baths and steam or vapor sweats should be frequently employed in all diseases of this class. Patients should use no coffee, pork, or grease of any kind, nor salt victuals or spices, nor tobacco, but should use fruit, berries, and acid food. Small quantities of salt in pure water internally would help the blood to throw out impurities; and in prickly heat and itch, salt and water applied outside is good. Scrofula should be well removed from the system in youth to prevent many direful consequences in after years.

INSANITY,

That kind of it produced by scrofulas, impurities of the blood, high living, excess of blood, and excited passions, is of the positive type, and requires negative treatment. This class of patients are generally robust and otherwise *healthy* but *devilish*, and

require cooling, cleansing and quieting treatment, such as the remedies for scrofula and impure blood; a cooling spare diet and cold bath occasionally, to cool down the temper, with other soothing remedies, and a direct current of electricity poured down through the body, is in this disease one of the main remedies.

There are many forms of insanity, some of which are from debility and exhaustion, and are therefore negative in character, and will be spoken of in their proper place under negative diseases.

We have restored to health both of body and mind many poor, distressed maniacs, and it is confidently believed that our system of treatment would cure the majority of such cases, and we think more attention should be paid to this class of afflicted humanity.

NEURALGIA,

Caused by carbon and inflammation of the blood, is positive in its character, and may be treated with cooling and purifying remedies, as are used in scrofula, but most cases of neuralgia are negative and will be spoken of hereafter.

BITES AND STINGS

Of insects, vermin, reptiles, and rabid animals, are all highly positive in their character, and require prompt and powerful negatives, according to the virulency of the case. Stings of bees, mosquitoes, and other insects can be allayed by an application of the magnetic salve, or a wash of vinegar, water and salt. Bites of rats, etc. will require the same,

or a little stronger remedies than insects. Snakes are mostly poison, and their bite is dangerous, and should be attended to immediately. Some have recommended tremendous large drinks of whisky, often repeated, on the principle of poison killing poison; but the best thing to neutralize the poison is to wash the bite clean with warm water and vinegar, then dry it off and apply a few drops of hydrochloric (muriatic) acid; the acid may be repeated as cases may require—and is effectual in every case when timely applied. This treatment will answer in all poisonous bites, whether of snakes, mad dogs, or other rabid animals, the main thing in all these poisonous wounds is to apply the acid quickly and thoroughly, before the poison spreads into the general system by the circulation. Common table salt moistened with vinegar, or even water, and applied to the bite, and changed and renewed several times, is the next best in the absence of the hydrochloric acid, and will do very well for spider and tarantula bites. Other remedies for snake and mad dog bites have been recommended, such as a strong tea made of the bark of the root of mountain ash, taken inwardly, and the bite bathed with it too; this has proved to be good when tried. In all advanced and desperate cases of hydrophobia, or snake bite, strong currents of electricity should be poured down through the body for whole days at a time, or until the cure is complete; electricity is believed to be a sure cure. Bed-bugs and other household pests can be effectually killed off with plentiful *doses* of coal oil in its natural state.

WORMS

Infest the stomach and intestines, and are frequently troublesome to children, and *persons* of all ages may have them. There are many vermifuges and lozenges made for their removal, and generally are partially successful; santonine lozenges, or the powder in two to three grain doses every morning has answered well, and with several full doses of the negative pills to carry off their slimy nests, is generally effectual. Persons troubled with worms should not eat mucilagenous food, soups, or broths, but should eat fruits and acids.

TAPE WORM

Is not of very frequent occurrence, but is very hard to remove; many things are recommended to remove these *long fellows*, but the best thing that I have found, and I have tried many, is a strong decoction made of the bark of the root of the pomegranate; about two ounces of the dried bark boiled down into about four ounces of the juice, and all taken in three or four doses in as many hours, and so repeated until all the worm comes away, which it generally does in short pieces, often in single joints, the head coming last being loth to quit his place.

CRAMPS.

Colics, spasms, convulsions, and all of this class of disease, are positive, and require warm baths, hot applications to the seat of pain, and hot stimulating drinks. The direct current electricity, strongly applied through the place, is a main remedy, and the bowels and skin should be opened quickly.

COSTIVENESS

Is a troublesome complaint of a mild, positive character ; one negative pill taken every night will soon establish a regular, healthy stool, then the pills may be discontinued, and the bowels will keep along regularly. A loosening vegetable and fruit diet, and plenty of water should be taken by the patient.

SORE EYES.

Inflamed sore eyes is about the only affection of the eyes that is positive ; and even this disease, after long and debilitating periods, runs into the negative form. The first negative application for inflamed sore eyes is warm soft water applied to the eyes as hot as can be borne, and repeated often. The warm water may be rendered still more negative by adding a little lemon juice, and to destroy the unhealthy granules, chloride of zinc may be added to the warm water, a grain or two will do, and applied as strong as can be borne, under the lids. The sore eyes may be dressed with the magnetic salve at night, or the salve may be spread on cloth or paper and applied to the eyes while sleeping. This full treatment well applied generally cures in a short time ; however, to assist, packs, baths, and sweats should be used, and the bowels and blood should be well cleansed with small doses of epsom salts. Human magnetism with the hands is also good.

PILES

Is a positive disease, and often too *positive* for the sufferer. Piles, and heat, and soreness about the

anus is occasioned by too much *hot*, impure blood gathering there, and requires the cooling negatives applied to the parts; cool water sitting baths, often repeated, and the water may be rendered more negative by adding sugar of lead or chloride of zinc to it, and these solutions may be injected into the bowels with a syringe. The magnetic salve makes an excellent dressing for piles, and will often cure of itself. In all cases of piles the bowels should be kept open with the negative pills or some cooling physic, and the diet should be cooling, low, and scant.

CROUP.

Although this disease should be classed with pneumonia and other inflammations of the mucus membrane of the throat, but as this disease is difficult to manage, I will give it a separate notice. Croup is caused by sudden colds, checking perspiration and throwing the secretions into the throat, and forming a false membrane inside of the throat and nearly closing the passage, through which the air passes with a wheezing sound. For the removal of this false membrane a quite strong solution of water, vinegar and salt, frequently applied in small quantities; this will cut away the new formation, reduce the swelling, and clear the throat. In the mean time the pores of the skin should be well opened by packs and sweats, and the patient should have as much cold water to drink as could be taken. These remedies properly applied will cure *every* case.

We think we have given a sufficiently full and plain description of the principal positive diseases,

and their proper treatment, to enable any one to understand them, and apply the remedy. There are many indistinct varieties and symptoms of positive disease, still they are all embraced in the diseases of the same nature under their appropriate heads, and their conditions and symptoms will indicate the proper remedies, according to our dual system of positive and negative diseases, and their positive and negative treatment, remembering always that positive diseases require negative remedies, and negative diseases require positive remedies; and remembering also that all fevers, inflammations, swellings and excitements, are positive diseases; and that all debility, weakness and exhaustion, are negative diseases

This principle of disease is a rational one, easily understood easily applied, and certain to CURE.

NEGATIVE DISEASES.

Negative diseases embrace all forms of chronic, debilitating, weakening, exhausting and *wearing-out* diseases, which are very numerous in their names and symptoms, but are nevertheless of the same general nature, and require the same principle of treatment, varied only to suit localities and conditions of disease. And as the positive electricity is our principal remedy for negative diseases, we will speak a little more about its applications.

In all negative diseases the to-and-fro current from the helix should be employed, the negative pole applied to the weak place, and the positive pole to the opposite side of the body or above, as the case may be. The bare brass handles may be applied to the flesh dry, or they may be moistened, or a wet sponge may be fastened to the handle (wet increases the conductability of the skin, and makes the current seemingly stronger). Another good method of application in many places, and especially about the head, is to take the positive pole in the hand of the operator, and apply it to or on the patient, with the other hand on and above the part diseased, and while the negative handle is applied to or below it, letting the current flow through the body of a healthy operator and out at his hand,

when applied to the patient, is perhaps the best way, especially in weak and debilitated patients, as they then get the benefit of the battery, and also the life giving magnetism from the healthy operator. All parts of the machine should be kept bright and clean. With these few remarks we will proceed to explain the nature and mode of treatment of negative diseases under their proper heads.

ASTHMA,

Is a negative disease of the air vessels of the lungs, caused by colds, thickened and swelled membranes, contracted tubes, and by spasmodic action of the nerves concerned in the act of breathing, and requires positive treatment. The to-and-fro current of electricity should be passed daily through and over the breast and throat, rubbing, stretching, and expanding the chest, and strengthening the nerves. The electrical nerve pills are excellent for this complaint, and should be taken in doses of three or four five or six times a day. If there is cough or expectoration, expectorants should be also used. Human magnetism, making passes down with the hand, is good, especially in weakly patients. Asthma is nearly always curable with these remedies.

CONSUMPTION

Is the besom of destruction, the pestilence that walketh in darkness and wasteth at noon-day, everywhere and at every age in life its victims have and are passing away; their decaying bodies are the principal incumbants of the cities of the silent dead.

Consumption is the fear and dread of civilization. Cholera and other epidemics may spread alarm and create a panic, but they last only a short time and are gone, and their ravages cease; but not so with that dread monster and harbinger of death, consumption, its ravages extend the year round, and, like evil, is always present, every month, every week, and every day it gives us heart-rending evidence of its power to destroy.

In a changable climate like our own, consumption has encouragement to spread and increase and run riot with the lives of the people; even the young, the fair, and the lovely do not escape its icy grasp, but all are more or less liable to feel its deadly touch, and secumb at last to its fatal blow. Many medical preparations have been recommended for the cure of consumption, but when put to the test have failed, and consumption in advanced stages is yet incurable. Some robust constitutions have thrown off consumption in its incipient stages, but no *remedy* had been found for this dreadful disease, until electricity, the great positive vital agent, was introduced, and its better methods of application learned; and from my own experience in the treatment of consumption with the building up and life sustaining powers of electricity, I can confidently offer HOPE to consumptive invalids, and in the treatment of this disease alone, my new system of practice is a priceless jewel; and if it could cure no other disease but consumption, it would still be an invaluable boon to humanity. Consumption is curable, and electricity is the remedy. Would that all

the world knew it—that they might be saved from that horrible disease. In the treatment of this formidable disease, it is sometimes necessary to employ all the energies of the electro-hydric practice. In its primary stages, water and other negatives may be employed to allay fever, inflammation and soreness, but as consumption is a negative disease, (*death's beginning*,) a consuming and wasting away, it requires the best vitalizing and toning up treatment that can be had. For cough, expectorants and sedatives should be used, such as canabis indica in tincture, in teaspoonful doses; and for soreness of the breast and irritation of the throat the magnetic salve should be employed, by spreading it on paper and wearing it on the breast and throat; and for the throat internally large pills of the salve should be taken two or three times aday, and let dissolve in the throat—the bowels and skin should be kept moderately open, and the physical strength should be kept up and increased with wholesome, nutritious food; among the animal foods fresh beef, mutton, and oysters, and among the vegetables beans, carrots, onions, cabbage, and such nutritious diet, should be taken freely, *the body needs more nutritious diet in consumption than in any other disease*. Farina and other concentrated food may be used, and every dietetical means employed to support the body. And while all the above helps are being properly administered, nature's great remedy, electricity, should be moderately but freely employed, for on this depends the life of the patient. The negative pole of the to-and-fro current should be applied over the sore

places on the breast, and the positive pole applied between the shoulders on the spine, about where the nerves leave it to go to the lungs—passing a current through from back to breast for a few days, will bring the soreness to the surface on the breast; and when that is well done the negative may be placed down on the stomach, and the positive applied *on* the breast; and in this case, the healthy operator may use his hand to apply the positive to the breast, making passes down over the *bare* breast. The treatment may be changed occasionally to back and breast again, and the current be applied to any weak or sore part of the body. The treatment should be persevered in, about a half hour at a time once or twice aday, and continued until a cure is perfected. And in this disease human magnetism is very beneficial in weak persons, and all the resources of human kindness should be put in requisition to *call back* the *nigh* departing one and to save their life. The blood should be kept good, and all colds quickly and surely removed to prevent consumption, and when this disease does manifest itself, it should be immediately checked, and all suffering prevented.

BRONCHITIS,

Is a general term applied to chronic inflammation of the air tubes of the lungs, and of the mucus membrane of the windpipe and throat, with cough and expectoration of thin frothy mucus. Mild negative washes might be used at first to allay inflammation, and the magnetic salve applied externally

and internally to remove soreness. Tincture of cannabis indica is also good in this disease, but in this as in all negative diseases electricity is the sheet anchor of hope. The current should be passed from the back of the neck and shoulders through to the throat and breast, and continued daily until well; remembering in this case, as well as in all negative diseases, to use the to-and-fro current. Human magnetism is here good also; and in all cases of sore mouth or throat, a strong tea of sage is good, and a tea of geranium root is very good. Bronchitis and all diseases of the throat and air tubes should be attended to on first appearance, to prevent their going to the lungs.

BLEEDING OF THE LUNGS.

Hemorrhage of the lungs is easily checked with salt and water, or alum water, or geranium root tea taken often, and keeping quiet. Persons liable to this complaint should live down in valleys where the air is heavy, that the pressure of air may keep the blood down in the lungs, and should avoid loud excited talking or laughing; and if there were any symptoms of raising blood they should chew geranium root; spice bush tea would also be good to regulate the blood. Mild doses of electricity should be used to tone up the system. In any case of bleeding pulverized geranium root applied to the place is good to stop blood.

LIVER COMPLAINT,

Is of two kinds, *the inflammatory and the bilious.*

Chronic inflammation of the liver is caused by too much carbon in the blood, and by repeated colds. This kind is generally known by a burning pain about the shoulder blade and along the right side, and a hacking cough. Persons of florid complexion are more liable to this form of the disease; in this case the carbon and the effects of cold must be removed from the blood; and for this purpose cooling cathartics may be employed in small doses, and the cannabis indica used for inflammation and soreness, but electricity is the main remedy applied around the side, back and shoulders.

BILIOUS LIVER COMPLAINT,

Producing torpid liver, dark tawny skin, with dull, sluggish habits, is quite a common disease, and requires for its removal the negative pills, frequently taken, and the pores well opened and kept open with mild diaphoretics, such as virginia snake root, and other sweating teas; daily doses of salt and water is also good. A small teaspoonful of common salt in a gill or so of water may be taken before meals; and especially the liver should be well stirred up and aroused to action by a strong daily application of electricity passed through and about that organ. No coffee, fat meat, or eggs, or any bile producing food should be taken, but oranges, lemons and all acid fruits may be taken freely.

HEART DISEASE.

Diseases of the heart are generally produced by thick, bad blood, weak nerves, or some physical

obstruction, and is generally curable. The treatment should be to purify the blood, strengthen the nerves, and overcome, as far as possible, the physical obstructions. Salt and water, cannabis indica, and especially electricity, are good to purify the blood; and electricity and magnetism are the only things that will strengthen the nerves. Electricity should be passed through the heart from back to breast, and changed from breast to stomach; that is, by putting the positive of the to-and-fro current on the breast, and the negative on the stomach. The treatment should be mild and applied often. The direct current passed through the seat of disease will generally remove physical obstructions, and the full treatment continued will cure nearly every case.

DYSPEPSIA.

This protean-like disease, assumes many forms, conditions and symptoms, any of which are distressing enough in their character, and heretofore have been difficult to remove, but now, under the vitalizing powers of electricity, soon give way to health and strength and cheerfulness of mind. Dyspepsia is truly a negative disease, and requires strong positive, vitalizing and restoring remedies; and in every form of the disease electricity is the remedy, applied with the negative pole of the to-and-fro current to the stomach, and the positive pole opposite on the back, under a mild current, long continued, and often repeated. The various symptoms may be relieved with the appropriate remedies. Costiveness should be removed with the negative pills by taking

one every night, or every other night. Chronic inflammation and weakness of the stomach should be removed by taking two or three times a day very small doses of salt and water; acidity should be removed by taking some of the alkies in small doses, such as soda or saleratus, or ley from wood ashes; and belching and eructation should be removed by taking small doses of lemon juice, or some of the vegetable acids. Nervous weakness affecting the mind can be overcome by taking three or four electrical nerve pills three or four times a day. All the symptoms getting their proper attention, and electricity used daily as above directed, will soon cure the most inveterate case of dyspepsia; and in dyspepsia, as well as consumption, our system of treatment is entirely successful, and if it could only cure these two dreadful diseases, and do no more, it would still be a priceless boon to humanity; but thanks to a growing intelligence and understanding of the vital powers of nature, our system will, when properly and timely applied, cure *all* diseases. In dyspepsia or any weakness of the stomach, only that kind of food that is nutritious and easily digested should be eaten, and taken at long intervals to give the stomach time to dispose of it, and all food should be well masticated before swallowing it: salt and water before meals will assist digestion.

DIABETES,

Is a disease of the kidneys, caused by vitiated blood, debilitated secretions, and excessive saccharine matter in the fluids of the system, and is attended with

a copious flow of urine. This is a disease of debility and exhaustion, and consequently negative in character, and for its treatment requires active positive measures, daily treatment with electricity by applying the negative pole of the to-and-fro current over the kidneys, while the positive pole may be applied to the nape of the neck, and on the liver, stomach, bowels, and other parts of the body during nearly an hour each time. The negative pills should be taken to open the bowels, and frequent and profuse sweats should be taken to open the pores of the skin, and divert the secretions to the surface; salt and water should be taken to change the qualities of the secretions. The diet should be principally fresh animal food, free from fat, the drink water; vegetables and fruits should be avoided. This disease has been by some considered incurable, but the above treatment in my hands has been successful.

HEADACHE

Is of three or more kinds, proceeding from different causes, and requiring different treatment. Headache from rush of blood to the head does sometimes assume a positive condition, but is generally caused from debility and derangement, and is negative in character, and requires electricity passed from the top of the head down to the stomach, and sometimes clear to the feet, to pass the blood down into the body, and to restore an equilibrium in the circulation, which generally relieves the complaint. The electricity should be applied daily for some time, and *wading* foot baths taken in cool water for

five or ten minutes daily to *draw* down the blood from the head, and make a permanent cure.

BILIOUS HEADACHE

Is caused by too much bile being carried there in the blood, on account of the inability of the liver and skin to carry it off by their proper channels. The pores of the skin should be thoroughly opened by packs and sweats, and the bowels by the negative pills, which will relieve the sickness of the stomach, and then the main treatment will be to stir up and strengthen and set the liver in proper action. For this purpose the positive pole should be placed on the back, opposite the liver, and the negative pole of the to-and-fro current applied over the liver, thus passing the current through it; this should be repeated daily until well, the diet should be low and cooling.

NERVOUS HEADACHE

Is perhaps the most troublesome of all, and is of more varieties than the other kinds of headache. It may be from weakness of the brain itself, or from weakness of the spine, or it may be from debility of the general nervous system, or it may be from weakness of the stomach or some other organ. This disease is one of the most negative in character, and requires mild but thorough positive treatment, to strengthen the spine and whole nervous system, and to remove the diseased condition of any of the organs complicated with or producing headache in any way. In the treatment of this

kind of headache the negative pole of the to-and-fro current can be applied to the stomach, liver, spine, and even to the head, or to any weak part of the body, if there is no fever or inflammation in the part, and the positive pole may be applied to the hands, head, back of the neck, or in any place convenient, and generally on the opposite side of the body or organ from the negative pole, so that the current will pass through and to the weak place. The electrical nerve pills should be taken freely in diseases of nervous debility, and the bowels and skin should be kept moderately open. A quiet, calm, composed and cheerful mind is good to assist in the cure of all diseases, and especially in this and all nervous diseases.

Human magnetism is very beneficial in nervous headache, and in all nervous weakness, and should be and can be easily employed. I have frequently effectually cured desperate cases of nervous headache with my hands *alone*, and often in one single operation of not more than ten minutes duration. Some headaches seem to be hereditary in some families, but even these are curable by our system of treatment: none need to despair.

NEURALGIA

May affect any part of the body, but mostly the head and face. This dreadful complaint, in the absence of fever or inflammation, is negative in character, and as such we will speak of it here. It is produced by cold, thick, heavy and poisonous blood, filling the veins too full and remaining too

long in them, thereby pressing on the nerves of sensation, and causing nerve pain, "neuralgia." To remove this distressingly painful disease, active measures must be employed, and in this as in all nerve diseases, electricity is the great remedy, to purify and circulate the blood, to relieve and soothe, and strengthen the depressed nerves. The to-and-fro current should be used with the negative *mostly* on the diseased place or seat of pain, and the positive in the hand or on the back of the neck. Some cases of neuralgia are removed immediately by applying electricity, and by it restoring the circulation of the blood, relieving the over-loaded veins, thereby removing the cause of pain in the nerves, and the effect must and *does* cease. I have succeeded in *curing* some desperate cases of neuralgia of many years standing in a few minutes time, and after all other systems of practice had failed. Still neuralgia is a terrible disease, and requires in some cases continued and full treatment, with electricity, magnetism and magnetic remedies. The pores of the skin and the bowels should be well opened, and between the electric applications, magnetic salve should be applied to the place of pain, and as an internal sedative, the full strength tincture of canabis indica should be given in teaspoonful doses every two or three hours in bad cases; if too much of this tincture is taken a dull, heavy, dizzy pain will be felt in the head. The patient should eat but little or nothing during the time the pain lasts. Neuralgia, wherever situated, or of no matter how long standing, can be cured by a persevering course of the above treatment.

CHRONIC RHEUMATISM,

Caused first by cold in the blood, and then by closed pores and inactive liver and skin, is a disease of debility, negative in its character, and often hard to cure, especially in old persons, and they are the most troubled with it. Rheumatism often requires the most thorough treatment, and time and patience to overcome it, and should commence with electric packs, electric vapor baths, and the negative pills. In cases of nerve pain, the tincture of cannabis indica should be given, and the electric nerve pills; and every day, between the packs or sweats, the poles of the machine should be applied to the seat of pain, the negative pole nearest the place of pain, remembering that in this, as in all negative diseases, the to-and-fro current is the one to be used; coffee, beer, or malt liquors should not be taken in any case. If rheumatism, or neuralgia, or any such pains are produced by iron, mercury, or any of the mineral poisons, or by quinine, tobacco, or any of the vegetable poisons, in the system, these foreign substances must be extracted with the electro-chemical extracting bath, by the foot bath, or by the foot plate plan. The irritating substances must be well cleansed from the system, or they give pain and produce many disorders. Seeking out the causes and removing them, with the full treatment judiciously applied, will cure every curable case of rheumatism.

DROPSY

Generally affects the body and limbs, sometimes the head, and is a disease of debility, torpidity of

the liver, kidneys and skin, and whole secretery system; and in its treatment is required first the negative pills to open the bowels, and the sweats to open the pores, and then the vitalizing electricity applied to the liver and through the body in many directions; and sometimes the foot plate will be needed. Small doses of eleterium, about one-eighth of a grain, two or three times a day, is very good for dropsy. Eleterium is made from the wild squirting cucumber. I have always succeeded in curing dropsy with full treatment on the above plan.

ST. VITAS' DANCE,

Chorea, and all nervous derangements, and nervous fits, are diseases of debility, and very negative in their character, requiring the toning up and quieting treatment of the electro-hydric practice, the pills and packs to remove obstructions, and the dripping wet sheet to quiet and soothe the whole system; then electro-magnetism and human magnetism to restore strength and regularity in the system, and the cure is soon effected. However, the *causes* should be inquired into, understood, and removed, boy's habits should be looked after, and the other sex too.

EPILEPSY.

Fits of this kind may be produced by bad habits, by injuries, or by worms, and often by unhealthy parentage; this disease sometimes runs into insanity. In the treatment of this distressing disease the cause should be found out and removed, as far as possible. The treatment should be about the

same as for St. Vitas' dance, or any nervous derangement and nervous debility. Insanity, to which the above disease often leads, is very difficult to cure, and the only hope is in removing the causes, and repairing the damages, and for that purpose, treatment must be adapted to that object, according to the above principles of treatment.

DYSENTERY,

Diarrhea, flux, summer complaint, cholera morbus or cholera infantum, or whatever name a looseness of the bowels may go by, is negative in character, and requires positive treatment. . It may be caused by too much bile passing off by the bowels, or by closed pores of the skin throwing too much moisture into the bowels; or it may be caused by bad digestion. In its treatment the negative pills should be given to carry off the bile, and mild sweats to open the pores, and let off the secretions through *that* proper channel; and the electric pills should be given to strengthen the stomach. Mild daily electric applications should be passed through the body in different directions, with the negative pole mostly to the stomach and bowels. In small children the electricity should be employed by the hand of the operator, and by his own magnetism. If the discharges are bloody, salt and water, or alum water, or a tea made of geranium root, should be given to check them. Sage tea is also good as a warm drink. The patient should eat but little, and that should be well cooked farinaceous food.

CHOLERA.

Asiatic cholera is an extremely debilitating negative disease, coming on suddenly, and causing the blood to leave the surface veins, and to over-load the internal ones, causing pains and cramps. The secretions are also forced in, and, mixing with the chyle in the second stomach, they pass off by the bowels in torrents of rice-water discharges. The watery discharges being negative, receive and carry off the positive electricity of the body with them, and soon the patient is left in a collapsed and dying condition, from which nothing but the vitalizing powers of electricity can save him, and *it* should be thoroughly applied. The negative pole of the to-and-fro current should be applied all over the bowels, and the positive moved along the whole length of the spine, under a pretty strong power, and continued until relief is obtained. Hot stimulating applications should be employed from the first to *draw* the blood to the surface and keep the body warm; a bath of warm water, made stimulating by mustard, or red pepper, should be given, then wrap the patient up very warm in dry blankets, then apply the electricity as before directed. The electrical pills should be given often, and five or ten drops of oil of penny-royal in a teaspoonful of brandy should be given every few minutes; rubbing and friction with the hand will assist too. With proper treatment on this plan nearly every case may be cured. Strictly speaking, cholera is not contagious; persons *do* take it seemingly from others, but the true source of contagion and the cause of the disease is in the air. From

heat and dry air, and from certain magnetic conditions of the atmosphere, a *streak* of air becomes negative, and that is the cause of cholera, and positive electricity is therefore the proper remedy. That the air has become negative, and produces cholera, has been ascertained in the time of cholera. The negative air being the cause of cholera, all living things are affected by it; vegetation withers and droops, flies and other insects die, and animals and humans take cholera and die also. And the most timid and fearful, or in other words, the most negative persons, are the ones who *take* it. This circle or belt of negative air passes around the world from east to west; while it is at a certain place, the people die with cholera, a negative disease; and as soon as the belt or section of negative air has passed, all cholera ceases, and all is usual health again. If one person took cholera from another, then it might be spread and continued indefinitely, but such is not the case, therefore it is not contagious. On the first approach of this section of negative air, everybody should take some *preventive* of cholera, or in other words take some electric medicines that will keep up the supply of electricity of the nervous system, and for this purpose the electrical nerve pills taken daily are the best electric substance yet known to science, and it is confidently believed that they will prevent the taking of cholera. Oil of penny-royal, one drop at a time, or the herb made into tea would be good as a preventive of cholera; and the daily application of the electro-magnetic machine has been known to prevent it when others were dying off by scores.

DEAFNESS

Is of many grades, varieties, and conditions, being produced by different causes, most cases are curable. Deafness from or connected with heat or inflammation in the head, is difficult to cure, and this kind being positive would require the direct current applied to it. The positive pole to or *in* the ear, and the negative at the back of the neck or in the hand; a cooling diet and depleting treatment should be employed, and all persevered in until a cure is effected. The electricity may be most conveniently applied to or rather in the ear, by the operator placing the end of one finger of each hand into the ear, and having one pole in his hand and the other on the patient's neck or in his hand; or the current may be applied in the ear with a small wire bent double, and all covered but the end.

NERVOUS DEAFNESS

Is a negative disease, and if there is no organic injury, is generally soon cured with positive treatment. If the deafness is in but one ear, apply the negative pole of the to-and-fro current to that ear, and the positive to the other; if both ears are deaf, change the current alternately from one ear to the other. I have cured cases of this kind of deafness in a single operation of ten minutes, some of long standing. But this disease generally requires more treatment. The electricity should be passed all through and around the head and neck, and the magnetic salve should be kept in the ear between

the applications of electricity; attend to the bowels and skin, and all these cases are soon cured.

SCROFULOUS DEAFNESS

This disease includes all cases of sore ears, or running sore ears and bealed sore ears, and may be brought on by scarlet fever, measles, or any eruptive disease. In this case the direct current electricity applied to the ears and head will soon purify the blood and cleanse the sores, and then the magnetic salve applied to them will soon heal them up, and the to-and-fro current will soon restore the hearing, and the patient is well. I have cured a great many cases of this kind by but a short course of treatment.

BLINDNESS

Is of many kinds, and may proceed from many causes. Nervous blindness from debility of the optic nerve, or from exhaustion of the powers of the whole eye, as in old age, is generally cured or much relieved by positive electricity applied through the to-and-fro current to the eyes; it should be applied all around the eye and through the eye-lids by the negative pole, or through the operator's hand, and the positive pole to the nape of the neck, and applied very mildly. Making passes over the eyes with the hand, using the magnetic influence; also the magnetic salve, is good applied in the eyes on going to bed.

CATARACT.

Blindness from film or cataract, or any extra formation on the eye or in it, should be treated by

the negative remedies. The positive pole of the direct current should be applied to the eye by a soft wet sponge, to dissolve away the foreign growth, at the same time the negative pole should be kept at the stomach, and other depletive treatment, such as sweats and physics, should be freely employed during the whole time of treatment. The eyes should be dressed with the magnetic salve after each application of electricity. Other remedies, such as washes, may be used to dissolve away the cataract, and for that purpose chloride of zinc dissolved in water used weak at the commencement, and gradually increased in strength, as strong as can possibly be borne, is perhaps the best. The salve may be applied after each time. All the above treatment should be persevered in until cured.

AMAUROSES

Is occasioned by a wasting of the moisture of the eye: I have known persons to cry themselves blind. This disease is difficult to cure, but a full course of treatment persevered in, is generally successful. Electricity applied to the eye through the hand or wet sponge, and the magnetic salve dressing is the principal treatment. Human magnetism will help some, and attention to the skin and bowels must not be neglected. In the use of these remedies perseverance is the watch-word, and then success is generally certain.

SPINAL CURVATURE.

All diseases of the spine may be said to be negative in character, and should be treated with posi-

tive remedies. For curvature of the spine the negative pole should be placed in the bend or hollow of the curve, and the positive should be placed on the other or bow side of the spine; the direct current will be the best so that the current of electricity will pass but one way, and that from positive to negative, so that the bent out spine will be pulled or pushed towards the negative pole, thus bringing the crooked spine straight. The treatment should be applied moderately everyday and for about an hour each time, and at another time of day the to-and-fro current should be used for about half an hour, with the negative pole to the lower end of the spine, and the positive pole at the upper end, thus passing the electricity down through the whole length of the spine. This is to strengthen the spine, and the whole body should be toned up, and the patient should take salt and water daily, and the whole back and sometimes the whole body should be bathed in salt water. A strict diet, such as for scrofula, should be adhered to; for all spinal weakness, (but not curvature,) the negative pole of the to-and-fro current should be applied to the weak place, and the positive above or to any part of the body as cases may require.

ULCERS.

Ulcers, running sores, tumors, or open cancers in any part of the body, are of the negative type, and require positive remedies. The to-and-fro current should be passed through and around them, to tone up and give vitality, and the sore should be washed with a weak solution of chloride of zinc

and alum; or if there is much debility, a wash of ley, or of strong white-oak bark tea, or of green tea, or of chamomile flowers, would be a good wash; after the washes each time the sore should be dressed with the magnetic salve. The electric treatment with the wash and the salve, should be continued daily until the sore is healed up. The bowels and pores of the skin should be kept gently open, and the patient should have a generous and sustaining diet.

TETANUS.

Lock jaw is a powerful spasmodic disease of the negative type, caused by a gangreened or mortifying cut, bruise, or injury of some kind on some part of the body. The pain or diseased action being so great that spasms and contraction of the spine at the neck is the consequence, and soon closing the mouth and producing lock jaw. [It is said women never get lock jaw, perhaps some old batchelor started that; be that as it may, I have treated several men for lock jaw, but have never treated nor even *seen* a single case of lock jaw in any female.] The main remedy for lock jaw is electricity. The negative pole should be put to the feet and the positive applied through the operator's hand on the forehead, top of the head, and back and sides of the neck, under a pretty strong current, and after awhile the pole can be laid on the neck, and can be passed further down the spine, and also to the throat and breast. This should be continued at intervals until relief is obtained. The bowels and pores of the skin should be opened, and the cause of the spasm attended to.

PALSY,

Or paralysis in any part of the body, is caused by a loss of the electro-vitality from the part, every part of the body being properly supplied with electricity constitutes health, but any part losing that electricity is palsied or dead in proportion to the amount of electricity lost. The temperature of the palsied part is much lower than the healthy part of the body, but on being electrified from a galvanic battery, or from an electro-magnetic machine, it is restored to warmth and life again, therefore the same means continued will finally complete the cure. If the palsy is in a limb or arm, the hand or foot may be placed in warm water, and one pole or conductor placed there, and the other one at the nape of the neck, and may be moved along the spine and over the heart, liver and stomach, under a strong current. In this disease the direction of the currents should be frequently reversed, so that the current may run everyway. Continue long each time and repeat often, and success may be relied on. Attend to the bowels and skin, and look after the general health. All cases of paralysis, no matter where located, should be treated on the same general principles.

HERNIA.

Rupture or strangulation of any part of the intestines can be reduced in a short time, by first gently opening the bowels with the negative pills, and passing the direct current from two or more galvanic cups, (without going through the coil, or wire, or helix is the best,) from the mouth to the

anus. This will generally reduce the tumor in a short time. If it seems tardy, place the positive pole right on the tumor, while the negative is still left at the anus, and continue the current until the tumor has disappeared; then put a pad on the place, and keep it on with a bandage or truss, wearing it for a few weeks until the ruptured membrane has healed up, then all is right again.

POISONS.

Antidotes for nearly all poisons have been published, and are generally successful if taken in time. Still it would be well to assist these medical remedies with electricity, the great remedy, by applying the negative of the direct current to the feet, and the positive to the heart, throat and breast, and all along the spine. Continue hour after hour until the patient is out of danger. This will do for chloroform or any kind of poisoning, or for suspended animation, where breathing has stopped. Apply it to the lungs and diaphragm, stopping and starting, and heaving the breast to start breathing.

Weakness of the kidneys, bladder and urethra are negative conditions, and require positive treatment. The poles of the to-and-fro current should be applied *alternately*, one on the back over the kidneys, and the other on the pubes or lower part of the abdomen, daily, for about half an hour each time, and the double strength tincture of the fluid extract of *asclopeus incarnata*, (white Indian hemp root,) should be taken in half teaspoonful doses, three or four times a day. If there is any inflam-

mation or excitement with the weakness, then the cool sitting bath should be used for ten or fifteen minutes daily, and perhaps the wet girdle will be needed.

We now have given a general view of all positive and negative diseases, except diseases of women, and they will be fully explained in Part Second, our principle of treating them, and the proper positive and negative remedies employed therein. There are still many diseased conditions known by various names, but they belong to either the positive or the negative type of disease, and come in, and are connected with some of the diseases named and described in this work. If any disease has not been fully detailed and remedies assigned for it, or if any new disease should occur, enough has been said of our dual system to enable any one to ascertain to which class it belongs, and to treat it as its positive or negative character may indicate. The large class of positive and negative remedies of the electro-hydric practice are considered ample for the cure of all varieties of disease.

ANATOMY, PHYSIOLOGY AND SURGERY.

A knowledge of these subjects can be obtained in the standard works of the profession, my object is to publish in this book only such information as can not be had elsewhere. A thorough knowledge of anatomy and physiology is a valuable acquisition to any one; surgery, although fully detailed in books on that subject, under the electro-hydric practice may differ in many of its details from surgery in other practices. In injuries, wounds, cancers, tumors and mortifications, the electro-hydric appliances, properly employed, so as to meet the positive and negative conditions of diseased action, will, in *nearly* every case, cure quickly and safely, removing any necessity, real or imaginary, for the use of the surgeon's knife, or other instruments of human butchery.

THE HISTORY OF THE UNITED STATES

The history of the United States is a story of growth and change. It begins with the first settlers, who came to the New World in search of a better life. They found a land of opportunity, but also a land of challenge. The early years were marked by conflict and struggle, as the settlers fought to establish their communities and defend their rights. Over time, the United States grew from a small colony into a powerful nation. It became a land of freedom and opportunity, where people from all over the world came to seek their fortune. The United States has a rich and diverse history, and it is a country that has made many contributions to the world. It is a country that has stood for freedom and democracy, and it is a country that has inspired people all over the world.

The United States has a long and proud history, and it is a country that has made many contributions to the world. It is a country that has stood for freedom and democracy, and it is a country that has inspired people all over the world. The United States has a rich and diverse history, and it is a country that has made many contributions to the world. It is a country that has stood for freedom and democracy, and it is a country that has inspired people all over the world.

PART SECOND.

DISEASES OF WOMEN.

Female health is an important subject, not only to females, but to the whole race.

The health of American women has so much declined in the last few years, and the majority of them have become so utterly helpless, and so entirely unfit to fill their proper station in life, that humanity is made to shudder in view of the prospects of future generations. So fast has disease increased among our American women, that scarcely one *really* healthy woman can be found in all the land; and in some sections of country they practically exist no longer. In Boston it is said the oldest inhabitant cannot recall to mind the memory of but few native born healthy women. To one accustomed in former days to the sight of the buxom, bright-eyed beauties that then lived and made happy every social gathering and fire-side circle, the present is gloomy indeed. To see the throng of ladies that promenade our public streets on a fine day, and look through the paint and powder to see their *real* faces, we discover the image of disease seated there, indicating suffering within. If we did not know that this sickly looking crowd of females belonged to our neighboring families, we might suppose them to be the out-pourings of some vast fe-

male hospital for a last promenade. An evening party is like a company of lady invalids, taking a little recreation for their health, and where the painful sensation of pity for the suffering, delicate creatures destroys the pleasure of their friends. How painfully distressing must be the effect on those who have known women in other days and in other *lands*, where women, still healthy, enrapture the eye and thrill the heart. Ill health is so much the normal condition of women at the present day, that many who have not had a well day in all their lives actually think themselves healthy; and others don't know but what all this sickness and suffering is the lot of females. Let them apply to themselves this test: "a healthy woman" has no experimental knowledge of brain, spine, lungs, liver, stomach, back, bladder, ovaries, or womb, or in fact of any organ; she *only* is conscious of herself as one perfect, elastic, life-enjoying whole. Not only are females constant sufferers from disease rendering them unfit for household duties, and by their miseries and agonies destroy the pleasures of the home circle, but worse than all, their innocent offspring inherit from them the same fountain of disease and death, and many of them never see the light of day, while many of them that are *born* alive soon sicken and die; so that of all the children that are *born alive* not one half of them ever live to maturity, and those few who do reach maturity, most of them are helpless creatures, and, especially the female portion, are unfit for the duties of life; and very few indeed of the young *ladies* of the present time are at all fit

to become wives or mothers. And without these things change for the better, we will have to look to foreign immigration for wives and mothers to keep up our population.

Much has been said and written on diseases of women, and all the brotherhood of man have sympathized with their suffering sisters, and stand ready to help, while the medical profession have sought out many means of relief, still relief is all that was afforded, while diseases have increased and multiplied throughout the land, and every year the condition of women becomes worse and worse, until now it has become absolutely necessary to employ some more successful method for the restoration of female health.

Many years ago, in my early practice, my attention was called to the fast decaying health of American women, and seeing its disastrous effects among my female patients, all the sympathies of my nature were aroused to do something for the alleviation of the sufferings of my human sisters. Having tried the usual means of the profession with but the usual success, my practical and ardent nature was not satisfied with such meagre success, but sought to find more successful remedies. The water cure, then new, seemed to offer hope, and after many partial trials, I at last took control of a water-cure establishment, where I had an opportunity to apply it freely and test it fully, and where, with soft water, pure air, good food and judicious exercise, I was quite successful; but still in chronic and nervous diseases, and especially in diseases of women,

something seemed wanting, the system of practice, though good, was not *complete*. Water seemed good to cleanse and purify the system, and to cool down fever, remove inflammation, and allay pain, and the air and exercise did vitalize and brace up some, but still a more powerful vitalizing agent was needed to restore vigor and make a perfect and complete cure. Electro-magnetism, or electricity by the galvanic battery and helix, was tried, and met my most sanguine expectations; it filled a void in the treatment of disease unapproached by any other yet discovered means, and after a full trial, electricity was truly found to be the great vitalizing agent I had been long looking for. And adding this to the water-cure process, with its judicious applications of water, air, exercise and proper food, and retaining the electric herbs and magnetic remedies that experience had proved to be beneficial, all together making a complete system of treatment, thorough in all its parts. After arranging and adapting this system to the cure of the various diseases, I turned my attention to the treatment of chronic and nervous diseases, and especially to the treatment of all the various female complaints; and since that time I have treated several thousand females, and mostly with complete success, so much so that I can confidently assure my female readers that their diseases can *now* be cured—their lives prolonged, made useful and happy, and that this electro-hydric treatment is the great desideratum we have long been looking for, and for the want of which women have suffered untold miseries, and their offspring have

languished for the want of maternal vitality ; but now the dark night is nearly past, and the light of hope and health appear. Women can now be cured, and in the strength of the “electro-hydric practice,” I PROCLAIM health to women. Spread the good news over the whole land, and bid suffering women apply the “new treatment” and live. Everywhere, and in every family, this treatment can be taken by females, and in most cases they can apply it themselves ; thus all, rich and poor, can be cured, and women become as of heretofore, healthy. No more debility, no more sickness, suffering and misery among females, but in its stead will be health, happiness and long life. Joyous news, a remedy is found for diseases of women ! “Hail, all hail the great discovery !”

Now a few words on what should be the state of female health, and then, a full account of all the various diseases peculiar to females, and a full and complete description of the modes of treatment in every case, will employ our mind and engage our undivided attention in the future pages of this book.

FEMALE HEALTH.

A young female should be healthy and vigorous, free from aches and pains ; maturing early, developing fully and easily into womanhood, without irregularities, obstructions, or excesses. The menstrual flow should be fully and freely established in the beginning of maturity ; her mature life should be *regular*, easy and painless, her pregnant states should

be comfortable and full in time, her parturitions (giving birth,) should be easily and safely consummated, and her health robust through all the offices of mother. Her *turn of life* (cessation of menstruation,) should be gradual, easy and safe, and all her after years should be full of health, joy and happiness. Any departure from this natural, harmonious and healthy state or condition of life is disease, and of that in all its varieties we will now proceed to speak. I have had a long and extensive experience in the diagnosis and treatment of the various diseases of women, and shall speak of them here in my own plain; common sense way, and suitable, I hope, to the capacity of my lady readers, for whose benefit I write.

The diseases peculiar to women commence with the first menstrual effort, the generative organs, and especially the womb and its functions is most liable to derangement.

THE WOMB

Is a small flexible organ, about the size and shape of a pear, and is situated in the abdomen, between the bladder and rectum, and is suspended there by a broad muscle through which it hangs, with the big end up and the point or mouth down; this lower end is generally about four inches up in the body, and can be reached by the end of the finger passed up the vagina: ladies can soon learn to make the examination themselves. The mouth of the womb, or "*os uteri*," is in the lower end, and generally fully open at and for some days after menstruation, and

partially or fully closed during the rest of the month, and during the whole time of gestation it is or should be closed. The womb is supported in its place by the broad muscular ligaments, and vitalized by electricity from the brain, passing down the spine and along the lumbar nerves, from the spine to the womb. The womb is *closely* connected with the stomach and brain by the sympathetic nerves.

THE OVARIES

Are small organs about the size of pigeon eggs, and are situated one on each side of the womb, and close to the sides of the body, and are connected with the womb by tubes, (the fallopian tubes;) these ovaries contain the ovum or eggs, or germ of human life, until they are vitalized by the male semen, then the vitalized egg or seed *sprouts*, swells and bursts its small cell, and passes down into the womb, and after being transplanted *there*, it grows and enlarges in the garden soil of the womb, until it becomes a living, sentient being, full of life and vitality.

CAUSES OF DISEASES OF WOMEN.

Much has been said, written and published on the various causes of the many diseases of women, and women have been much and wrongfully blamed for producing their own diseases. True, women by their unhealthy fashions, manners and customs, manner of eating and drinking, and their modes of living generally, have *assisted* to bring on their own miseries, yet the majority of diseases of women are

produced by climate or soil, or by some of the burdens of womanhood, things over which they have but little or no control; women have enough to bear without blaming them for what they are not guilty of. Women, though the fairest, are also the frailest portion of our race, and their many miseries demand our highest sympathies and strongest commiseration. But the causes of diseases of women, let them be from whatever source, will be pointed out in their proper place in connection with the diseases to which they lead.

MENSTRUATION.

The monthly period or menstrual flow, marks the most important change in the life of the young female, one that translates her from girlhood to womanhood, and prepares her for new conditions and new responsibilities; and it is absolutely necessary that this physiological function should be fully, easily and timely established, in order to insure good health afterwards, for often right at this important time is laid a foundation for the health, usefulness and happiness of the female during life, or a foundation is laid for the sickness, helplessness and misery of the female during life. Mothers should fully and *timely* instruct their daughters on this important event in their life, and should *assist* them at the proper time, to enable nature to fully establish her *realm* of empire. Girls may expect this change at about fourteen or fifteen years of age. The young miss should have proper food of a cooling but nutritious nature, and should have warm,

comfortable clothing to prevent taking cold; the pores of the skin and the bowels should be kept gently open; and if she is of full habit and the flow is tardy, nature may be assisted by warm foot baths, herb teas, and such like, and when the flow does appear, she should be very careful not to take cold and check it before the time. Women differ very much as to length of time and quantity of discharge, perhaps about three days of regular natural discharge would be the healthy standard.

The flow itself is a blood-like discharge, secreted from the inner membrane of the womb, and coming as it does from the inside of the womb, the mouth of that organ has to open every month to let it pass, (the process then is the same as giving birth, only on a smaller scale,) sometimes the mouth opens with difficulty, then there is pain and tardy menstruation; sometimes it is relaxed and too open, causing too much or too long menstruation. In a natural healthy condition of the womb it should gradually open a day or two before the time for the flow, and then after the flow has ceased, the mouth of the womb should gradually close in from five to ten days. During pregnancy and nursing, or gestation and lactation, of course the monthly discharge is and should be suspended. Most mothers, however, do commence menstruation *before* weaning their infant, and generally from six to eight months after its birth.

SUPPRESSED MENSTRUATION.

Menstruation having been established, may be

from cold, grief, illness, or from other causes, suppressed. The cause should be ascertained, and if *unnatural*, removed. If menstruation is suppressed from consumptive tendency, it is a bad sign, indicating exhaustion and giving out of the bodily strength, and requires immediate attention. In removing suppression, colds, grief, fevers, too thick, vitiated blood, or whatever the cause is, must be removed; for colds, packs are required; and for a bad state of the blood, sweats, to open the pores, and electricity, by the direct current, passed down from the nape of the neck to the feet; to purify the blood, and to vitalize and strengthen the parts, apply the to-and-fro current, the negative pole to the small of the back, and the positive pole over the abdomen, under a mild power, once a day for thirty to forty minutes at a time, drinking no coffee nor using any acid food or drink. But removing obstructions with packs, sweats and warm sitz baths, vitalizing and toning up the system with electricity, and *encouraging* and assisting nature with warm foot baths, and herb teas of tansy, or some bitter herb; and in cases attended with cold feet and hands, indicating cold scanty blood, take a small teaspoonful of common table salt dissolved in about a gill of water, before each meal. These remedies, perseveringly applied, will cure even the worst cases of suppressed menstruation.

DYSMENORRHEA.

Painful and difficult menstruation may be caused by bad vitiated blood, by too much heat or carbon

in the blood; and it may be caused by contracted os uteri, and this is frequently the case, the mouth of the womb is too small and will not open freely enough. In this case there is a great deal of pain in the back and loins, and often difficult and painful menstruation is caused by a nervous weakness of the sexual organs, and more or less of the whole body; and it may be produced by marital excesses, and by anything that debilitates. The treatment of this painful affection, from which many females, married and single, suffer, must be according to conditions and circumstances. At the monthly time, to allay the pain and assist nature's evacuations, warm sitting baths, and after that let her cover up in bed in warm blankets, and have hot applications to her back, abdomen and feet, and warm sage tea to drink, and during this time the direct current electricity should be passed from the back of the neck to the feet.

The above *full* treatment, and often much less, will pass the lady easily and safely through the monthly period, and then measures can be adopted to remove the difficulty before the next month, by purifying the blood with the daily application of the direct current electricity passing down to the feet, and the blood cooled by packs, dripping wet sheets, cool sitting baths, and other negative appliances; and for nervous weakness the daily use of the to-and-fro current electricity applied, the negative to the back, and the positive opposite on the pubes; and if difficult and painful menstruation is caused by contracted os uteri, which is sometimes the case,

though not often, but generally so in cases of barrenness. this difficulty will have to be removed by relaxing treatment, such as warm water injections, or linseed oil and warm water injections, throwing them inside of the womb by inserting the small point of the womb-syringe into the mouth of the womb. This often repeated, in connection with electricity to strengthen the nervous system, is generally sufficient.

If, however, more thorough means are needed to remove obstinate contracted os uteri, we then would resort to the uterine conductor, which we may as well describe here as we may have to refer to it several times in the treatment of diseases of women.

The uterine conductor may be made of heavy copper wire, some ten inches long, and bent a little so as to be in a proper shape, with about an inch of one end electro-plated with silver, and about two inches of the other end left bare, while all the rest of the wire should be covered with solution of gum shelac, or by a heavy coat of paint, to insulate it; or the wire may be inserted into a glass or an India rubber tube. In using the uterine conductor to dilate the mouth of the womb, it is to be passed up the vagina, and its silver point inserted into the mouth of the womb, and then to the outer end of the wire is fastened the positive pole of the direct current, while the negative pole is placed to the back, or to any part of the body, not too near the positive, (the positive dilates and expands the os uteri, but the negative would contract it). The current should be mild and applied one or two hours each day.

In dysmenorrhea, as in all other diseases, the pores should be kept open, the skin moist, and the bowels regular, by taking one negative pill at night, or by water injections.

MENORRHAGIA.

Excessive menstruation is a very weakening, debilitating and somewhat dangerous disease, and may be caused by want of exercise, over-heating, impure air, and scrofulous habits. Its immediate cause is in a weak and relaxed condition of the blood vessels of the womb, and a too much dilated state of the mouth of the womb. In this disease all the debilitating causes should be removed, and at the time of flooding, means should be used to prevent too much *wasting*. Cold wet cloths applied to the back and bowels, and cold water injections into the vagina, and injections of salt and water, or alum and water, or strong tea of geranium root, or in bad cases pulverized geranium root, may be put up the vagina against the mouth of the womb, or the vagina may be plugged with a wet sponge or cloth well filled with the geranium powder. As an internal remedy salt and water, or alum and water, or in powder, or cream of tartar may be taken in small doses, even up to the point physicing. The remedies are so numerous and ample no women need suffer long with this weakening disease. If in any case from enlarged os uteri, it should be necessary to *contract* it, then the uterine conductor could be inserted into the mouth of the womb, and the *negative* pole of the direct current attached to it, and

the positive pole to some other part of the body, (as the negative contracts). Not forgetting for all weakness to employ the vitalizing energies of the to-and-fro current, the negative to the back and the positive to the pubes, (lower part of abdomen).

TURN OF LIFE.

The cessation of menstruation is an important change, and rather a critical period in the life of the female; and to get past it safely is the desire of the middle aged female. With those who have lived right, and have pure blood, it is comparatively easy; but with those who are broken down with disease, or who have scrofulous or impure blood, or a shattered nervous system, often have great difficulty and suffering at that time, and some lose their lives. Every woman nearing this eventful period in life's ordeal should get *ready* by living on, healthy diet, with proper bathing and exercise, and other means to purify the blood and strengthen the system; and if there is any disease, especially of the sexual organs, have them cured by the electro-hydric treatment, using the means to gradually keep up the the normal discharge until the system is well relieved, watching and checking up excesses or in any case of flooding, and finally passing the the boundary *line* easily and safely, and *painless*.

PROLAPSUS UTERI.

Falling of the womb is of all the diseases of women the most common, and inflicts untold miseries on the sex. Very few women escape this bane of

female beauty and loveliness, it is the scourge of the sex, and *will be*, if not checked, the destruction of the race. For in this most terrible of all diseases not only the women suffer, but their offspring with them; *as is the tree so is the fruit*. It is perfectly astonishing to ascertain the number of women that are suffering with this distressing complaint, it is only the physician, and especially the the physician for the diseases of women, that has the opportunity to become acquainted with the almost unlimited number of women that are eking out a miserable existence with this very disease, and their intimate friends don't know what is the matter with them. And even may ladies themselves, especially the young, are suffering the tortures of this life-agonizing disease, and don't know what is the cause of all their bodily suffering and mental anguish. Their physicians have not told them, nor have they made sufficient inquiry and examination of the case to enable them to know themselves, much less to inform their patients. And most physicians are so unacquainted with the many difficult diseases of women, and so unprepared to successfully treat them, that this disease has increased, and the sick, the suffering and the desponding female is still crying in vain for help, and no certain relief has been found, until the electro-hydric practice shone forth, in all its effulgence and glory, as the day spring of health to all the sick, giving health, and life, and happiness to all mankind.

DEGREES OF PROLAPSUS.

Falling of the womb may exist in any degree, from merely a little falling of less than one inch, to the whole distance, even down into the world. But the most common form of this troublesome complaint is when it has fallen only from one to two inches, and is still more than two inches up in the vagina. This is the kind and condition of prolapsus that afflicts nearly all females, old and young, married and single, and in this case, the womb not coming low, the sufferer does not know what is the matter with her, and not knowing how to obtain relief, suffers on until life becomes a burden, and she, wearing out at last, sinks into an early grave.

SYMPTOMS OF PROLAPUS.

Prolapsus uteri generally begins with pain and weakness in the back and loins, and a sense of weight and soreness across the lower part of the abdomen, and some bearing down of the bowels. Sometimes this disease is attended with inflammation, heat and pain, and sometimes, especially in chronic cases, it is attended with debility and relaxation, and with watery discharges, whites, etc. There are many other symptoms, but these are the prominent ones. After the disease has continued for some time, it affects other parts of the body, the bladder, the urethra and the kidneys, and then the spine, brain, and stomach begin to suffer, with diminished vitality, on account of the womb and its appendages *drawing* more than their share of nervous vitality from the galvanic battery of the brain,

consequently the brain and every organ of the body and mind suffer with loss of power, until the whole body breaks down at last. The progress may be slow at first, but increase it will, unless electricity is applied to keep up the supply of vitality in the body.

We advise every female, on the first approach of this disease, to apply immediately for relief to electricity, nature's great curative agent, and remember the women's proverb, "a stitch in time saves nine."

CAUSES OF PROLAPSUS.

Falling of the womb is produced from many causes: the manner of living, the mode of dress, the want of proper and healthy exercise, late suppers, high seasoned and stimulating food and drink, and excesses in many ways, are the remote causes; while difficult and painful menstruation and injuries received in child-birth, are the more immediate and direct causes.

PREVENTION OF PROLAPSUS.

The prevention of falling of the womb would be first in the avoiding of all the remote causes; and secondly, and most especially, in removing the obstructions to menstruation, and assisting nature to easily, fully, and safely establish that important function; for right here is the time, by painful and difficult menstruation, causing weakness and bearing down, that is laid the foundation for falling of the womb, and for a life-time of sorrow and suffering. And here, again, I would impress on mothers

the importance of instructing and assisting their daughters to safely pass this period, and to fully establish this witness of their maturity, and see that it is regularly kept up, and also see that the womb sustains no injury. Many young ladies are now suffering with derangement of the womb and its functions, producing weakness, debility, languor, restlessness, nervousness, bad complexion, and bad expression, and they wonder what is the matter with them ; they know they feel and look bad, but don't know the cause. And in further preventing prolapsus, the proper means should be employed to prepare the expectant mother for the labors of parturition, [see child-birth made easy,] and then care should be taken by the accoucheur that no injury is done to the distended and strained womb, that nature is assisted to restore all things right again, and that the woman fully recovers. It is especially necessary that the mother have full *time* to fully and completely recover, and all the parts get strong before having to become a mother again. And here is one great cause of weakness and disease of the womb ; a woman has not time to rest and recruit, until she is borne down again with *incessant* child-bearing. No woman, no matter how healthy, should bear children oftener than once in three years ; and weakly women should *rest* much longer, and the diseased ones, especially those who have consumption or scrofula, or any disease of the blood, should *never* become mothers, for their children would only die in infancy, or at most linger out a life of misery ; and if any of them should become parents it

would only be to spread disease and entail misery on future generations. (For particulars how to prevent conception and control the number of offspring and give mothers rest and time to recruit, see my Private Letter to Married Ladies.)

TREATMENT OF PROLAPSUS.

In the treatment of falling of the womb many means have been tried, but few have been successful. Tonics and uterine elixers have been taken, and pessaries, bandages and supporters have been worn with some success, but there is no complete and *perfect* remedy but electricity, and that has proved, in my hands, to be a sovereign remedy, a PERFECT CURE for disease of the womb in all its varieties.

In all cases of displaced womb, that organ has first to be properly replaced and adjusted, by inserting one or two fingers into the vagina until the ends of the fingers touch the mouth, or lower end of the womb, and move it up to its proper place; or if it has turned to one side or the other, or if too far back or too far forward, bring it to its proper place, and have it hang fairly suspended by the broad muscles, the patient reclining fairly on her back, with her hips as high or a little higher than the rest of the body, with the bed-clothes or covers over her to prevent exposure. A physician who is acquainted with diseases of this organ and its treatment, can best replace it; but any well informed person can soon learn to adjust and to treat prolapsus and all diseases of the womb successfully. In all cases of prolapsus it is absolutely necessary to

examine and replace this organ, and no lady, old or young, should manifest any unnecessary modesty about it—any organ of the body that is out of place must be replaced. For instance, a shoulder joint, if out of place, must be replaced the first thing. All know that it would be folly to attempt to cure dislocation of a joint without first replacing it. And so with the womb, it is just as necessary that it should be replaced as a joint or severed bone, and what is necessary is *right*, and every lady should see the reasonableness of so doing. The organ being adjusted, the main treatment then is to apply the electricity, by placing the negative pole of the to-and-fro current to the small of the back, and the positive pole to the pubes, or lower part of the abdomen, so as to let the current pass up through the womb, and contract and strengthen the ligaments and nerves that support the womb, sometimes changing the poles, by putting the negative across the stomach and navel, and placing the positive on the inside of the thighs and in the groins; this will let the current pass up through the body, and strengthen and draw up the whole abdominal viscera; and sometimes the current may be passed into and up through the womb by employing the uterine conductor. The power should be applied moderately, and continue in the different applications from one half to an hour, and had better be repeated if convenient at the same hour of each day. If there is much pain or weakness of the back, both poles may be placed there; or the operator may take the positive in his hand and make passes with

the other hand *down* over the back, and over the bowels when pain exists there. The muscles of the abdomen especially should be well kneaded up with the operator's hand, under a strong current. During the application the poles may be changed to any part of the body required, regulating the power to suit the sensitiveness of the part.

While this treatment is going on from day to day, the bowels and pores of the skin must be kept gently open, and the liver, brain, and stomach must be attended to, as cases may require, and the diet must be wholesome and nutritious, remembering always to allay all positive conditions, such as inflammations, swellings, soreness and pains, with the negative appliances of water and washes, sitting baths, wet bandages and injections of cool water, and sometimes negative washes with the vaginal syringe, two or three times a day. The most convenient syringe is the India rubber *pouch* syringe, it holds from a pint to a quart, and has a convenient rose-wood tube for the vagina, and a moveable ivory point or small tube of near two inches long inserted in the end, to use for the rectum. This small ivory tube may be inserted into the womb for throwing injections into that organ, thus it answers for all purposes, and for all persons, male and female, and children; and when empty is very small and neat, and can be carried in the pocket or reticule. This is the one I recommend in all cases, and would here say that an article of this kind should be used frequently in many cases, and every female should have one. I do not manufacture them, but will procure them for my patients and customers.

In all cases of nervous weakness, accompanying prolapsus, or in fact any other disease, the electrical nerve pills should be taken regularly, and gentle exercise should be taken every day, and a cheerful disposition and hopeful mind should be cultivated and maintained. Patients who have large, heavy, loose, relaxed and bearing down abdomen, should have a convenient abdominal supporter to wear, and out of the many invented, I know of but one that will completely answer the purpose, and that has been patented by Dr. Lounsberry, of Tennessee. I have procured the right to manufacture these and supply them to my patients. This admirable supporter is soft and easy, with no springs or pads to hurt the back, or to make it sore; no pinching or bearing down, but the whole abdominal viscera is safely and easily held up by a soft supporter, and this held up with elastic suspenders over the shoulders, and holding up the weight of skirts, and making them set easy and graceful, while the supporter is held down, and the perineum, with all the weight of the lower part of the body, is held up by a soft, easily fitting *pure* gum-elastic strap. This supporter is without doubt the best article ever invented, and in any case of prolapsus, and especially where the patient can not, from want of time or from any other cause, take sufficient electric treatment to *cure*, then is this supporter, in connection with the electrical nerve pills and other incidental treatment, the next best remedy to electricity itself. And there are many females who, during the few last months of gestation, are unable

to get about, from the weight and bearing down of the abdomen and pressure on the bladder. Such females can be made comfortable, and enabled to get about smartly, by wearing this excellent supporter; and to all females who in any way need a good abdominal supporter, I confidently recommend the Lounsberry supporter.

INVERTED WOMB.

The womb, sometimes, from difficult menstruation or from difficult child-birth, and injuries received thereby, may become inverted, (turned inside out,) and its folds, lapping over itself, produce inflammation, soreness, supurations and ulcers, and sometimes cancer, and frequently great nervous irritation. Sometimes fits, and jerking and twitching of the nerves; and sometimes mental derangement; all these and many other unpleasant and distressing symptoms and conditions may be produced by this deranged state of the womb. Derangements of this kind should be adjusted immediately to prevent inflammation and soreness, and other miseries. In the cure of these derangements, swelling, inflammation and soreness should be removed by injections into the vagina of chloride of zinc, or sugar of lead and water, or some such kind of negative wash; or better than all perhaps are injections of linseed oil. After the swelling and soreness is removed, then the organ *can* be adjusted, and the injections continued to heal up all sores. Full attention should be paid to the skin, bowels, blood and general health, and then strengthen the womb, its appendages, and

the whole nervous system, with electro-magnetism and the electrical nerve pills.

ULCERATION OF THE WOMB.

Bad and deep-seated ulcers may form in the womb, as well as out side of it and around it in the vagina, sometimes discharging offensive matter. If there is fungus or proud flesh in the ulcers, then an injection of chloride of zinc wash, of about a quarter of an ounce of the chloride to one pint of soft water, or stronger if the patient can bear it; if there is no proud flesh the flax seed oil will do as well. If the sores are inside of the womb the injections must be thrown inside of that organ by inserting the ivory point of the syringe, before described, into the mouth of the womb. These injections may be repeated once or twice a day, and the cannabis indica should be taken in teaspoonful doses three or four times a day, to remove soreness and to heal up the sores. All the unhealthy conditions of the body should be attended to, and electro-magnetism should be daily employed to strengthen and vitalize the parts, and the ulcers and the womb itself can be vitalized and purified, by applying the positive of the direct current by the uterine conductor, while the negative pole may be applied to any part of the body not too near the diseased organ. The diet should be low and plain, mostly fruits and acid food. Persevere in the treatment until all disease is removed.

CANCER OF THE WOMB

May be of different varieties, and differ in severity,

but no matter what may be its name, variety, and cause, it is nevertheless cancer, and must be treated accordingly. Caustics of many kinds are employed by the profession to destroy the cancer, some of which nearly destroy the patient. Chloride of zinc wash can be made sufficiently strong for most kinds of cancer, and can be injected into the womb in small quantities of no more than the womb will hold, so as not to irritate the vagina; and this solution can be increased in strength from day to day, as the patient can bear it. This should be continued until all pain and inflammation has ceased, or nearly so, then the linseed oil may be used, and the canabis indica should be taken three or four times aday to purify the blood and perfect the cure. A still more powerful remedy for cancer is to apply the direct current right to the place, by a platinum wire from three or four cups, arranged and applied as before described. But whatever is used to destroy the cancer, the same constitutional treatment is required, the negative pills to open the bowels, packs and sweats to open the pores, and especially the canabis indica to *work* through the blood and heal the parts, and electro-magnetism passed through the body from abdomen to back daily, to strengthen the parts. In this as well as in many diseases of the kind, human magnetism has acted like a charm, and has cured after other means had failed. Cancer in any part of the body is a terrible disease, and hard to cure, and especially is it hard to cure in the womb, still it is done, and to destroy the cancer thoroughly, the galvanic current applied to the part

by a platina wire, and the current strong enough to heat the wire red hot and burn out the cancer, and for this purpose four cups is amply sufficient.

Scirrhusities and hardness of the neck of the womb, and every indication of cancer in any part thereof, should be attended to on its first appearance to prevent confirmed cancer.

NEURALGIA OF THE WOMB

Is not of frequent occurrence, but is very severe sometimes, and is caused by a highly carbonized and impure state of the blood, and by any of the causes that will produce neuralgia anywhere, and should be treated in about in the same way, giving large and frequent doses of *canabis indica* to act as a sedative, and all the sweating and opening appliances freely administered, and the direct current applied with the positive to the place of pain, under a strong and continued current; all the remedies should be continued until relief is afforded.

DROPSY OF THE WOMB

Is caused by the secretions collecting in the membranes of the womb and swelling them up. This disease is of seldom occurrence, and then mostly in elderly ladies, and is generally hard to cure. The treatment should be the direct current passed down through the womb, by placing the positive on the back across the kidneys, and the negative to the womb by the uterine conductor, under a mild continued current. The bowels and pores of the skin should be freely opened, and the dropsy (eleterium)

powder taken in one-eighth grain doses, three or four times a day. These powders should be taken in four or five grains of cream of tartar. The electricity and all the other means kept up will soon cure the most desperate case.

POLYPUS

May be in the womb, or in the vagina, or both; and is a fleshy tumor, possessing no sensation; it generally has a pedicle or stem fastened to the inside or outside of the womb. Polypi vary in size from that of a pea to the weight of several pounds, and may be hard or soft, and may be wholly inside of the womb or entirely outside. There are different ways of removing it, and a full description of these methods can be found in the books of the regular practice, so I will only add here what I deem to be the best plan,—“the electric plan.” If the polypus is within the womb, apply the positive of the direct current on the back, and the negative in the womb, by the uterine conductor; continue the current and give some expulsive internal remedy, such as ergot, or caulophiline, and continue all until the polypus has come down into the vagina, and then the treatment will be the same as if it had been found down there, which is, to find the stem of the polypus and wrap around it a small platina wire, and let the two ends of the wire reach down and outside of the vagina. The platina wire should be covered or insulated in some way, all but the middle part, that is wrapped around the stem of the polypus, and a little at the outer ends should

be bare also, to fasten to the conductors from the battery. All being ready, then attach to the conductors that are fastened to each of the ends of the platina wires, about four good galvanic cups, from which the electric current will pass to the platina wire wrapped around the stem of the polypus. This current will soon heat the wire red hot and burn off the stem, and in the same time it will crisp up or sear the ends of the stem, and prevent any bleeding. This is not a painful operation for the stem has no feeling. The polypus now being separated can be removed. This is the quickest, safest, and best of all plans, and is one of the triumphs of the electro-hydric practice.

BARRENESS.

Barrenness or sterility is caused by various impediments, such as contraction, hardness and inability to dilate the mouth of the womb, or from misplacement of the womb, or from cancer, or ulcers, or weakness of the womb, and from polypi or tumors, or any unnatural growth obstructing the mouth of the womb or vagina; or it may be from too much or too little menstruation; or it may be from the *absence* or deficiency of the womb; or it may be, and often is, from want of sexual capacity on the part of the female; or it may be caused by some disease or deficiency of the ovaries and fallopian tubes, the ovaries may be absent, or the ovum or eggs may have lost their power and vitality, by inflammation or fever; and heat may dry up the sexual secretions. Many females are motherless, or

have at best sickly and early dying children, on account of sexual incompatibility of the pair; and the husband is sometimes deficient in sexual power. There are a large number of causes that prevent offspring, and are nearly all easily removed. In treating barrenness the first thing is to find out the cause, and remove it, and cure any disease that may cause barrenness, in part or in whole. Many married women might have family as desired by a very little skillful medical attention. The many heretofore sickly and childless married ladies in this city and elsewhere, who by a judicious course of the electro-hydric treatment have become healthy and happy mothers, is sufficient encouragement for the most delicate women yet to HOPE, for she can be cured of her ailments, and have family whenever desirable. The treatment would consist in removing all obstruction from the womb, and in replacing that organ in its proper place, and with electricity and electric remedies vitalizing and toning it up to its proper strength, and in curing IMPOTENCY, and restoring sexual power. This is best done by removing all inflammation and soreness from the womb, and by applying the negative pole of the to-and-fro current to the womb by the uterine conductor, and the positive pole should be placed across the small of the back and loins, under a gentle current. This should be repeated for a half hour daily, and the general health should be attended to. The electrical nerve pills is an excellent remedy for impotency, in male or female, and the canabis indica will assist very much.

DISEASES OF THE OVARIES.

The ovaries may be diseased in several ways. If there is inflammation, the cold wet compress and sitting baths, and cooling physics is good, and the tincture of *asclepias incarnata* is an excellent internal remedy; and the positive pole of the direct current over the ovaries, with the negative to the feet, will soon remove all pain and inflammation.

DROPSY OF THE OVARIES

Should be treated with the above remedies, and in addition the bowels and skin should be well opened, and the dropsy powders, (eleterium and cream of tartar,) should be given, and to vitalize the ovaries and ovum, or eggs or seed, the electric nerve pills internally, and the positive of the to-and-fro current across the back and loins, while the negative is changed from one side to the other over the ovaries; and the current may be conducted to or near them inside by the uterine conductor. Electricity is the great positive source of all vitality in all living things, vegetable, animal, and human, and will vitalize vegetable, animal, and human seed.

OVARIAN TUMORS

Are not very common, and may be treated on the same general principles of any tumor, according to our electro hydric system.

LEUCORRHEA, OR WHITES,

Is, like prolapsus uteri, a very common disease; all females suffer with it more or less, old and young,

married and single. Leucorrhea is caused by inflammation of the mucus membrane of the vagina and womb, and that is caused by colds, bad state of the blood and secretions, and by falling or displacement of the womb, and by anything that irritates and produces watery mucus discharges, weakness and relaxation of the parts. Leucorrhea is a very weakening disease, and is generally attended with pain low down in the back near the end of the spine, with general debility, nervous weakness, sometimes mental derangements, and other distressing conditions. In the treatment of whites, attention should be had to the bowels, skin and general health, tonics should be taken internally, and tonic injections, such as strong tea of chamomile flowers, used cold, and frequent injections of cold water, or water in which slippery elm bark has been soaked, or flax seed oil may be used, and chloride of zinc and water may be employed in the same way. The common vaginal syringe will answer for the employment of any of these injections. Cool sitz baths, half baths, and packs will assist, and the tincture of *asclepias incarnata* (good samaritan,) is excellent in this disease, and the electrical nerve pills are still better, but electro-magnetism is *best*. It should be applied across the back, loins, and abdomen, changing the (to-and-fro current) poles so that the current will run each and every way, putting on the power lightly for half an hour or more daily. The diet should be free from fat, spicy or salty victuals, and if there is thickness and coldness of the blood, with cold hands and feet, then a teaspoonful of common

salt should be taken in a gill of water, before each meal. Leucorrhœa, like all other weakening diseases, should be arrested on its first appearance.

DISEASES OF THE BLADDER.

Many females, both old and young, are troubled with some complaint of the bladder, inflammation, irritation, pain and soreness, with burning and smarting when passing water. This is a very distressing and painful disease, and one that I have found quite common, often in quite young girls, and sometimes running in a whole family of sisters, and, in hereditary cases, is often quite difficult to cure. The causes, besides the hereditary and constitutional ones, are generally from strains, injuries, and often from the pressure of the womb down against the bladder. In this case the bladder is pressed so flat that it cannot hold much urine at a time, and must necessarily void it often, which is very troublesome and irritates the urethra, producing burning and smarting. In the treatment of this complaint, first remove all inflammation from the bladder, urethra, and all the surrounding parts, by sitting baths, wet compresses, and injections of cool water, chloride of zinc and water, sugar of lead and water, slippery elm washes, etc. and by using the direct current electricity, with the positive pole over the region of the bladder, and the negative to the feet; and internally the sweet spirits of nitre, or the good samaritan may be taken; the magnetic salve applied to the lower end of the urethra will help much. All causes of irritation should be removed, the chief of

which is the prolapsed state of the womb, which must be replaced, then all inflammation being removed, the daily use of the good samaritan in teaspoonful doses, three or four times a day, will soon finish the cure.

CONCLUSION.

I have now spoken of the most common diseases of women, and given a full and particular description of their full and complete treatment by the electro-hydric practice, and I might as well here state, for the benefit of the sick, that this system of treatment has in my hands proved completely successful, and by it I have restored to health and usefulness, thousands of females who were the most afflicted mortals the world ever saw. Some of these now happy females were confined on beds of sickness, some for one, some for five, and some for ten years, and all other known means had been tried in vain. My experience in this system of treatment runs back through many years, and before originating this successful system of practice, I faithfully tried the best remedies of all former systems of practice, and can speak understandingly from a full and long experience, that I believe that the electro-hydric practice is the *only* system of treatment that will cure the difficult and distressing diseases of women, and it may be relied on as a perfect and complete cure. There are still some minor diseases, conditions and symptoms of female *unhealth*, but they belong in nature to, and can be classed with, and treated on the same principle as the dis-

eases named and described, and according to the electro-hydric system of practice. I think my descriptions throughout, of the modes of treatment, are sufficiently full and plain to enable every female and every student to understand and apply them successfully in the cure of all diseases; if so the object for which this book has been written will be accomplished, and I will be amply rewarded for my labors, in the consciousness of having added so much to the happiness and well being of the race.

MIDWIFERY.

As this book is intended for every family to use and be guided by it—doing away with drugs, drug doctors and their expense; and as cases of midwifery *should* and will occur in healthy and well regulated families, it is thought best to give a few plain directions for the successful management of all cases of child-birth. And in the first place none but healthy couples should have children, and even then the births should be *far* enough *apart* to let the mother have time to *rest*, and fully recruit before having to bear another human being. This matter can be fully and easily controlled by following the instruction contained in my Private Letter to Married Ladies, on the observance of a simple physiological rule; all this useful information and much more is contained in a large copy-righted printed letter, and can be sent by mail, postage paid, and free from notice or suspicion as to its contents, to any part of the world, and the cost is only five dollars, nothing when compared with the importance

and great utility of the knowledge it conveys. A healthy husband, a healthy wife, and a healthy conception, a healthy gestation and an easy and safe parturition, are indispensable to healthy offspring. As in animals, so in humans, should the healthiest parentage always be selected; and even then conception should be produced only at proper times, and under none but favorable circumstances.

In a healthy conception nature's *regulations* are perfect; the mouth of the womb closes up, and the menses cease. All healthy women should and do menstruate regularly from their maturity to the turn of life, except during the nine months of gestation, and a few months of lactation, therefore, in a healthy married lady the cessation of the menses may be taken as an indication of pregnancy; in two or three months the enlarged size of the abdomen and the raising up higher of the womb; and in four or five months the still increased size of the body and breasts, and the motion of the child, plainly indicate the different stages of pregnancy, and this increase in the size of the body and breasts continues for the nine months, or until parturition takes place. The morning sickness of the pregnant female is occasioned by the womb rising up and pressing against the stomach, (I have frequently noticed the same or similar kind of sickness of the stomach, for a few minutes, in the non-pregnant female, while I have been placing the prolapsed womb high up in the abdomen, so that it pressed the stomach;) this morning sickness cannot therefore be entirely relieved, but it can be much helped,

and healthy women will be troubled with it but very little, as it can be nearly prevented in any case by taking light suppers, and eating but easily digested food at all meals, and by keeping the bowels thoroughly open and fully evacuated. This time of sickness being past, the woman begins to prepare herself for an easy parturition, for although the natural strain of the system, and especially of the pelvic orifice, cannot be avoided, yet there is such a thing as

PARTURITION MADE EASY,

And to accomplish this desirable end it is necessary to prepare for it by taking daily sitting baths of cool water, and injecting some into the vagina. An occasional injection of flax seed oil is good also. A cool strengthening diet should be adhered to throughout, no spices, no salt, fat meat, and no coffee should be taken; and during the last month the electrical nerve pills and the canabis indica should be taken once a day; and during the last weeks the electro-magnetism should be applied once a day, with the negative pole of the to-and-fro current to the back and loins, and the positive over the pubes and abdomen, and then changing the poles so that all parts will be strengthened. And then, within two or three days of parturition, get further ready for a *nearly*

PAINLESS CHILD-BIRTH,

By placing the positive pole of the *direct* current across the small of the back, and the negative to the uterine conductor with its silver point against or into the mouth of the womb, continue about a

half hour at a time, under a pretty strong current; the lady can apply the electricity in the evening after she has retired. And now to complete the natural, easy and *painless* process, it is only necessary, after labor has *commenced*, to apply a stronger power of the direct current down through the uterus by inserting the uterine conductor, and connecting the conducting wires as before described, and using two battery cups instead of one as before; this strong process need not be applied until labor has actually commenced, then it will not be hurrying parturition any, but only assisting nature to do its own work, and make it easy. The current should be stopped and started *alternately* so as to assist contraction of the womb. By this process child-birth may be nearly if not entirely *painless*, with the exceptions only as heretofore mentioned, of the pressure of the passage through the pelvis, and that will depend much upon the size and formation of the pelvis, and of the size and manner of the birth of the child. But in healthy women having proper conditions (and none others should have children,) parturition can be made easy
—CHILD-BIRTH PAINLESS.

OBSTETRICS.

All being ready and the birth progressing, a hot cup of green tea will warm and relax the system, and assist the birth, and if the birth is tardy the woman may drink a large quantity of the hot tea, her bowels and bladder should be freely and fully evacuated, and the strength of the body kept up

with farina, or some concentrated food. All the preliminaries having been attended to, the physieian, midwife, or whoever acts as *accoucheur*, should see that all is right, and that the child makes a *natural* presentation, head foremost with its face next to the back of the mother; if not head foremost turn it if possible by having the women move around, roll over and shake herself, and if necessary and convenient turn it with the hand carefully and slowly by pushing it back into the body and working the head around. But let me say here that whatever the woman and nature can do should be done first, and the *accoucheur* should meddle with the woman as little as *possible*. All being right and the head presenting, the *accoucheur* may assist the passage with his hand, gently pressing the stretched walls of the vulva each side of the head, so that no rupture may take place in the perineum between the vulva and the rectum, or on any side. The best place for the woman is in bed on her back, with something to pull at and something to press her feet against, and she should be assisted and encouraged to do her best each time nature makes an effort to press down, then the child will be easily and safely born. If, however, the child cannot be turned, but must come feet foremost, then see that they both come down together, and then have the hands and arms in their proper place down along the sides, and take care when the head passes that no injury is done to mother or child.

The child having been born, see that the cord is not around the neck, and that there is no phlegm

or other substance in the mouth to choke it; lay it where it can breathe freely, and so it can't kick the mother, then take a strong thread, string or twine and securely tie the umbilical cord or navel string about half an inch from the body, and then with a sharp knife or sissors cut it off about a quarter of an inch outside of the tie; pick up the child carefully and hand it to the nurse, who should be ready to wash and dress it, and dress the navel cord with a greased cloth. The physician having given the child to the nurse, takes hold of the severed cord, wraps it around his finger and gets a good hold, and then, when the womb has bearing down he pulls gently with a rotary motion, the placenta or after-birth is removed. He takes it in his hand and lifts it into the chamber or some vessel in which it can be carried out. All the clotted blood should be cleared away from the woman, the bloody clothes removed, and then a good fitting bandage should be put around her body. She should take some nourishment, empty her bladder, then rest an hour or two, and then the child should be put to the breast. The lochia or after-discharge should keep up about a week, and then gradually disappear. The woman should keep quiet and still, taking some physic the second day; and in well managed cases no child-bed fever will occur; if puerperal fever should occur, besides attention to the lochia, the other treatment will be similar to that of typhoid fever.

FLOODING.

Excessive lochial discharge, uterine hemorrhage,

or flooding, should be checked by the direct current applied to the womb through or by the uterine conductor, and the negative pole to the back. Other assistants should be used, such as cream of tartar, lemons, and pickles, and by alum water, geranium root tea, or some such astringent, by being injected into the vagina and womb. No warm teas or much drink of any kind should be used, and the woman should remain in bed, and keep perfectly still, in a rather dark room, and have no company or noise. If the flow should be too suddenly checked, and there should be danger of inflammation, it can be started again by reversing the electric current and sending it down through the womb, from the back to the uterine conductor, and by taking warm green tea.

THE LYING IN FEMALE,

Should sufficiently recruit before getting up or going out, and this time can be much shortened, and her strength increased, by the use of the electrical nerve pills, and soreness removed by taking the *canabis indica*; and the parts, and also the whole system, can be much vitalized by electro-magnetism and by human magnetism, and with wholesome food and pure air.

MAMMARY ABSCESS,

Or bealed breast, may occur from cold or injury to the breast, or from sore or obstructed nipple, preventing the drawing off of the milk, or from any cause of inflammation. Bealed breast is a sore thing at best, and should be avoided by keeping

the milk well drawn off, and keep the breast from getting any cold or injury; but if the milk does stop and the breast swell up, the best thing to scatter it is to apply the positive pole of the direct current all over the swelled place, and the negative on the stomach, under a mild continuous current; and between the applications of electricity, cloths may be wet in a solution of sugar of lead and water, and frequently renewed; or any other cooling anti-inflammatory application may be resorted to. If, however, the abscess is too far along, and must come to a head, then reverse the direct current by applying the negative to the breast, and the positive a little above it, or at the back opposite; this will draw it to a head. Flax seed poultice may be used for the same purpose. If the abscess does not open of itself, it must be lanced, and then well drawn with flax seed poultice, or beet or cabbage leaves *wilted*. In this way the case can be hurried along and soon be well.

SORE NIPPLES,

Or any soreness about the mouth of the child, can soon be healed up with the magnetic salve, and the nipples can be hardened with strong tincture of camphor.

MILK LEG

Is not of common occurrence, and is caused by cold, sending the milk in and down, and inflaming the blood. It generally settles first in the thigh, producing inflammation, redness, swelling and pain; and then

sometimes settles down to the shin or ancle, producing swelling, pain, soreness and finally supperation, and lasting as a bad ulcer for years. The inflammation should be removed by the direct current, as in all inflammations and swellings, and by cold applications, and by sugar of lead and water applications; attention should also be had to the bowels and skin. If there is an open ulcer, vitalize it with electricity, applied around and through it, wash it with alum and whisky, and heal it up with the magnetic salve.

ABORTION,

Or early mis-carriage may occur at any time from conception to the *quickenings* or first motion of the child, and may be caused by injuries, by blows, by lifting, climbing or jumping, or from relaxed os uteri, and from weakness of the womb and bad health of the woman; and sometimes by the use of hot stimulating teas, relaxing and pungent drugs; and some females, who don't want family, produce abortion (or attempt it, some fail,) by various ways, all of which are very injurious to health, and morally wrong, and should not be resorted to. Thousands of women are destroyed by this pernicious practice. I have always opposed it, and I now, once for all, bestow upon it my unqualified disapproval. If women, from bad health or from imperfect pelvic or uterine formation, or from poverty, or from any cause whatever, cannot conveniently have children, the only sure, safe, and morally right way is to follow the simple but infallible rule laid down in my

Private Letter to Married Ladies, on the theory and prevention of conception. Conception having been prevented there will be no opportunity for the commission of the horrid crime of abortion. If there ever does occur an occasion for, or need of abortion, from the inability of the mother to safely pass through the trying ordeal of parturition, her family physician should first consult with another physician before deciding on so important a matter, and then, if it must be done, a proper application of galvanic electricity is the only safe means. In the prevention of abortion, the causes should be removed or avoided as far as possible, and quieting sedatives should be employed, and electrical nervines, such as the electrical nerve pills, and a mild direct current of electricity be passed up through the body, by using the uterine conductor, with the positive pole attached to it, and the negative on the the stomach or somewhere above. When there is weakness and relaxation, tonic and astringent injections should be used; and for inflammation, cooling ones. The lady should keep in a reclining position still and quiet, and free from excitement. Drink no warm tea nor take any warm food, and take rest for a few days, when all will be right.

MIS-CARRIAGE

May occur at any time from the quickning of the child until the ninth month, or any time previous to the full time, or to the time at which the child can be born and live; that does sometimes occur at seven months, and very rarely at eight months

from conception. Mis-carriage may be produced by the same causes and conditions that produce abortion, and should be prevented and treated in the same way. Some women habitually mis-carry, and generally from some female disease or uterine weakness. All these cases can be prevented by strengthening the parts, and restoring the health of the woman, enabling her to go her full time, producing a healthy living child, by a judicious course of the electro-hydric treatment.

Water applications by syringe and sitz baths, with other negatives, to remove inflammation and soreness; and electro-magnetism, the electrical nerve pills, and other positives to vitalize, tone up and strengthen, the best success may be expected and realized. In all cases of abortion or mis-carriage, whether accidental or otherwise, as much care should be taken with the patient as in a full-timed birth; and in the neglect of this attention results generally the dangers of mis-carriage.

HEALTHY OFFSPRING

Should and can be insured by the proper attention in the selection of healthy parents, and by observing all the rules of health for increase of family. The mother should keep herself healthy in body and mind during the whole time of gestation, and particularly should she keep her mind in a vigorous condition, and in a calm, composed, quiet, cheerful and hopeful state up to the hour of giving birth; and then the young immortal should be well clothed and fed on good, wholesome, nutritious diet, free

from spices, fats and sweets, and should be frequently bathed and kept clean. And as intelligence supercedes sem-conscious infancy, let the young mind be guided and controlled aright; let all the restraints be by the "power of kindness," and all instructions be "lessons of love and wisdom." Mankind would then grow up to be what it was intended it should be—perfect men and women.

I think with this full, yet short and concise description of the various diseases that afflict women, and the plain directions for their cure by the electro-hydric practice, I may now safely leave the subject with the interested readers and students of the new system, feeling confident that they, after a fair trial, will hail it as the harbinger of health to afflicted humanity.

DIAGNOSIS OF DISEASE

BY MEANS OF THE ELECTRO-MAGNETIC MACHINE.

One of the most striking advantages of the electro-magnetic machine is, that by its aid we are enabled to ascertain the location of disease with great precision. When the body is in health, the electric forces, which pervade the whole organism, are in a state of equilibrium; that is, all the multitude of muscular batteries which are continually in operation, with the peripheral and central battery, are in a condition to engender and transmit the electric force to all-parts of the body. Under these condi-

tions, the negative and positive state of the body cause the electric or nervous force to flow with the velocity of lightning through all parts. This flow is not with equal intensity in every part of the body, but varies according to the variation of the electric condition of the parts through which it passes. The interruption of this universal harmony is the cause of disease ; and, indeed, it is this, and this alone, which constitutes disease. It is the same here as in the world around us, and in the world above us. When the equilibrium of the electric forces are undisturbed, the air moves along in gentle zephyrs, all nature looks smiling, and we feel its invigorating influence both physically and psychologically. Let this equilibrium be disturbed, however, and we see the clouds gathering, the air feels damp and chilly, and the electric forces of our own body are affected by the electric disturbance of the atmosphere. When the equilibrium is restored again by the falling of the rain, or the dispersion of the clouds, nature resumes her wonted serenity, the body feels invigorated, the mind regains her buoyancy.

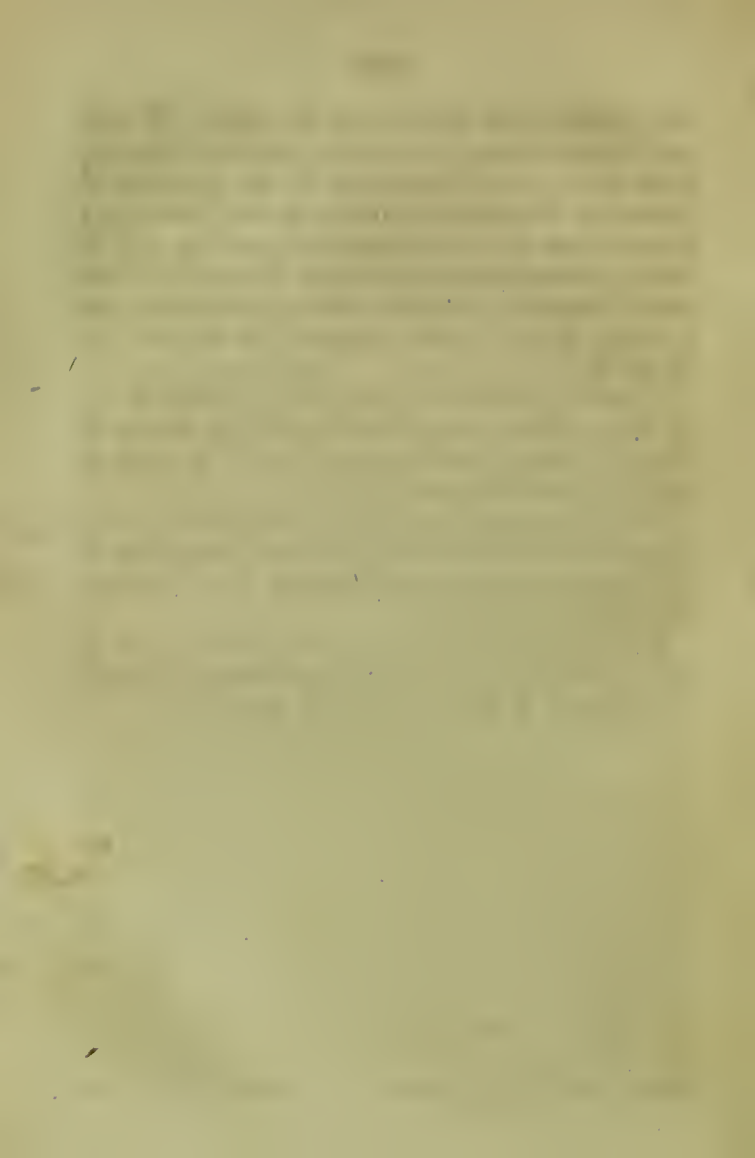
In whatever part of the body, therefore, the disease is located, there is the electric or nervous interruption. This interruption may be either negative or positive; may cause inflammatory or paralytic affections. In either case, electro-magnetism points it out. In searching for the disease, let the left hand or positive pole of the direct magnetic machine be placed on the spinal column, and pass the right hand or negative pole over the different parts of the body, in the vicinity of the spot where

the positive pole is held on the spine. If any part in that vicinity is diseased it will be indicated, if the disease be inflammatory, by the sensation of soreness as the electric current passes through it; if the disease is not inflammatory, nothing will be felt but the ordinary contractions produced by the electric passage. In some cases of paralysis, even a strong power of the machine can scarcely be felt at all.

In making the search, care must be taken to apply the positive pole to the seat of the nerves of the spinal chord, and the negative over the parts to which their ramifications extend.

In order to judge competently in this matter, some experience will be required, because some parts of the body are much more susceptible to the electric impressions than others.

When the passage of the electric current, of a moderate intensity, produces an agreeable sensation, the indication is that of a healthy state.



PART THIRD.

As electricity, chemistry, magnetism and other imperfectly understood sciences are the basis of our superstructure, and the prime movers in performing its stupendous results, and achieving its almost unlimited triumphs, we think it best to add some remarks, and give some explanations, in regard to their nature, preparations and uses, as employed in, and connected with our system of treatment.

The wonders of Electricity, Galvanism, and Chemistry illustrated; Magnetism explained; and the SECRET of Psychology, Mesmerism, and Clairvoyance REVEALED.

ELECTRICITY

Is the most subtle of all substances, and the most remarkable and mysterious in its operations; it is (at times,) visible and invisible; it can travel so fast as to almost annihilate time and space; it has more power than all other substances and forces in nature; it can overcome gravitation, and control and suspend all substances in nature; it can revive and can destroy; it can dissolve the hardest metals, and re-unite them again; it can decompose gases, air, water and all substances, and burn all combustibles, and set the world on fire; and in

ELECTRIC SURGERY

It will produce anesthesia or insensibility to pain; it will cauterize, and is the best cautery; it will coagulate blood and cure aneurism; it will dissolve urinary calculi (stone in the bladder); it will absorb exudates, cataract, etc; it will destroy unhealthy flesh in cancers and fistulas; it will cure ulcers and tumors; and, in short, cure all diseases; it will extract minerals and all foreign substances from the human body; it conveys medicine or substances into the human body direct; it will magnetize all minerals, all vegetables, all *medicines*, all animals, and all humans; and

MECHANICAL ELECTRICITY

Will and has propelled all kinds of machinery; it has propelled revolving magnets, electrical engines, electrical bell engines, electrical saw-mills; it has propelled boats on rivers, and cars on railroads; and many other strange things too numerous to mention. Electricity and

GALVANISM,

By which it is produced, seems almost unlimited in the extent of its powers—it ignites powder, explodes submarine batteries, blows up ships and whole navies, destroys whales, crocodiles, and other monsters of the deep; in short electricity is the most wonderful and powerful of all things; it can make the loudest noise and brightest light of anything in the whole universe of matter. And now at this time its electric flash is conveying intelligence from

one end of the continent to the other, with the rapidity of thought; and the

ELECTRIC TELEGRAPH

Has become a triumph throughout the land, and won for its inventor an immortality of glory. Still electricity, with all its power and usefulness, is but little known, and to learn the process of its production we will have to call in the aid of

CHEMISTRY.

Chemists of the past have been racking their brains and wearing out their energies to discover *the elixir of life*, by which man might prolong life and escape the pains of disease; and now by the discovery and production of electricity they have, though little did they know it, exceeded their fondest hopes. Electricity, though abundant everywhere, yet it is chiefly by chemical action that it is produced, and the process we will now explain. I have stated in the first part of this book that electricity was produced by the union of two primitive elements, namely, carbon and oxygen; their union produces a chemical action, and the result is electricity or galvanism. Now we will commence with two of the three primitive elements of the

TRINITY OF MATTER,

We will take carbon in the article metal potassium, which is the metal of wood ashes, I will take this metal carbon up in my hand, it is a perfectly harmless substance when excluded or separated from oxy-

gen; but now I want to unite it with oxygen, to produce electricity or fire, which is the same in its primitive sense, and because water is nearly all oxygen, being only one-eighth hydrogen, it will answer my purpose, I will take this carbon (potassium) and throw it into this oxygen (water), and by the union of the carbon and the oxygen a chemical action takes place, and electricity is produced, and a fire is *beheld*, the beautiful spectacle of fire burning on water. And again we will produce electricity (heat and fire,) in another way, but on the same principle; we will take a strong pint bottle, and fill it about one-third full with water (oxygen), and put in it a dozen or so of small peices of thin sheet zinc (more oxygen), and then put in about two ounces of sulphuric acid (carbon), pouring it in slowly and taking care not to break the bottle; the union of the carbon and oxygen produces a chemical action, and that action produces electric heat, and presently the water in the bottle begins to *boil*; thus we have made water boil by electric heat, without blaze of fire; this boiling decomposes the water, and its little proportion of hydrogen, not being *used*, escapes in the form of hydrogen gas out of the neck of the bottle, and now we can have

WATER GAS,

Or gas light from water; we will put a cork into the bottle with a small tube through it to let the hydrogen gas escape, and to this escaping gas we will touch a lighted match, and behold it burns and makes a light. How strange, one part of water

(the oxygen) united with carbon, makes heat and boils water, and the other part of water (the hydrogen,) when touched with carbon (the lighted match,) blazes and makes a light. This is chemical action, producing electrical phenomena. After awhile the hydrogen gas is consumed, then the water in the bottle, being pure oxygen, we can pour in it any liquid carbon, and the union of the oxygen and carbon produces a gas by chemical action; this gas escapes out through the tube or gas burner in the cork of the bottle, and when lighted with a match will burn with a brilliant light; this is

ELECTRO-CHEMICAL GAS,

And is a beautiful experiment, and can be made by any one by a little care and practice. Now that we have shown the first principles of generating electricity, we will proceed further and get up a perfect

GALVANIC BATTERY.

The first and more simple modes, as discovered by Galvani, and from whom it takes its name, have been explained in the first part of this book, and we will now only more fully explain the latest and best methods, and for that purpose we will take a glass tumbler or porcelain cup, holding more than a pint, and in it we will put water (oxygen,) and a little sulphuric acid (carbon); thus we make, by chemical action, ELECTRIC HEAT, *the first principle*, and then we put zinc (solid or metal oxygen,) with platinum (solid or metal carbon,) together in a proper way, [see explanation in first part of the

book, or better, see the batteries,] and now we have ELECTRIC POWER, *the second principle*, and the union of these two principles makes a complete galvanic battery, throwing out the positive and negative currents. We will now attach copper wires for electric conductors, and see if the chemical action of the battery will evolve electric *fire*, and for this we will attach one wire to the zinc and the other to the platinum; and here, if we want a strong battery, we can connect two or more battery cups together, by putting a short wire, one end into the zinc of one cup and the other end of the same wire into the platinum of the other cup, and put one end of a conducting wire into the other zinc of one cup, and one end of the other conducting wire into the platina of the other cup; we now bring the two outer ends of the long conducting wires together, and immediately the chemical action commences, and the *connected* wires get hot in our hands, which is electric heat; then we rub the ends of the wires against each other, making and breaking the connection *quickly*, and sparks of fire fly off, this is electric fire; and next we will connect the ends of these wires, by a short piece of small platina wire, and immediately the platina wire becomes *red hot*, and will ignite powder, explode submarine batteries, blow up ships, navies, etc. etc. A large number of these battery cups put together, forming one powerful battery, and its power concentrated upon a carbon point, will make an

ELECTRIC LIGHT,

Brighter than a thousand candles, and rivaling in

brilliancy the noon-day sun. But the galvanic battery not only produces heat and light, but it produces -

ELECTRIC POWER.

We will attach these conducting wires to machinery, it is set in motion, thus we can propel revolving magnets, engines, clocks, bells, fire alarm bells (electric), saw and grist mills, propel railroad cars, boats and ships, in short its motive power can be applied to any kind of machinery; and although more costly now than steam, may yet supercede it some day, for electricity, though a giant, is only yet in its infancy, and what it may yet do can be, and is, foreshadowed by its triumphs in the present. Electricity not only produces heat, light, and motive power, but it produces and possesses

ELECTRIC VITALITY,

And this electric vitality, in harmonious union with water vitality, is the *only vitality* in the whole universe of matter. It vitalizes all matter; it vitalizes and gives growth to all vegetables; it vitalizes and gives life to all animals; it vitalizes and gives life and intelligence to all humans, and immortality to all spirits, and is the life principle in all created things, and better than all, it cures the sick and prolongs life. The intensity of electricity is much increased by

ELECTRO-MAGNETS,

Magnetic coils and helixes; and here we will attach the wires from the galvanic battery to the posts of

the helix or electro-magnetic machine, and immediately the spring begins to vibrate, and the machine is in motion, throwing out its power, and making electric fire at the point of the screw where it touches the platina on the vibrating spring; this kind of electro-vitality we call

ELECTRO-MAGNETISM,

From the galvanic current passing from the cups into the helix, and magnetizing that coil of wire and rendering, by induction, the current much stronger and more intense. We can also throw out the *direct* current at the other end of this *kind* of helix much less intensified. The use of this instrument in its various modes of application in the cure of disease, and for which it is a perfect success, is fully described in the first part of this book. Electricity has still another power and use,

ATTRACTION AND REPULSION.

The positive attracts bodies to it, and the negative repels them from it. Thus the mariner's compass is regulated and controlled by it, and bodies, orbs, planets, and worlds are suspended in their proper places in the universe by

ELECTRIC POWER.

To illustrate the power of attraction we will attach the wires of an electro-magnet to the galvanic battery, so as to let the current run through the coil of wire around the soft iron bow, making it a magnet, and then we will touch to the ends of the

magnet a soft iron armature, and immediately the attraction is so great that it is held firm to it, so that it can be hardly pulled away ; and if the armature of soft iron is removed a short distance, the attraction of the magnet is so powerful that the soft iron is pulled back to it, and held there with a remarkable tenacity. Other substances are also attracted to, and held there, by the power of the magnet. This power can be increased and extended indefinitely, by increasing the battery power, until things and even persons can be suspended in the air by it. We can by this electro-magnet, magnetize and render other things magnetic, for instance, the

HORSE-SHOE MAGNET,

By passing it over the ends of the electro-magnet from bow to point, will attract and hold things the same as the electro magnet ; and this horse-shoe magnet, being made of refined steel, (steel is made by carbonizing soft iron, which is oxygen,) and thus by the union of carbon and oxygen, as before explained, we make the first principle, and by adding to the *steel* in the horse-shoe magnet the electricity from the electro-magnet, which is the second principle, it becomes a permanent magnet, remaining in full force, but the power of the electro-magnet ceases as soon as disconnected from the galvanic battery. This horse-shoe magnet, like the electro-magnet, has two ends, or poles, one positive and one negative, the positive will attract, and the negative will repel. Its

ATTRACTION

Can be further shown by suspending a large compass needle on a pivot, and holding the positive end or pole of the magnet near the end of the needle; it will be attracted around by it, and thus overcome all the power of the earth's poles. And the power of

REPULSION

Can be shown by turning the negative pole of the magnet towards, but not touching, the end of the needle, which by the magnet will be repelled. And this electro-magnetism leads us directly to

MAGNETISM.

The galvanic battery magnetizes the magnet, and the magnet magnetizes other things; and in some degree all things, all substances, all bodies can be magnetized, and it is so in the natural universe. The sun, the galvanic battery of the universe, magnetizes the planets, and the planets, being magnets, have a positive and a negative pole, a south and north pole,—*the south pole positive, and the north pole negative*; hence the compass needle is held to its place by attraction and repulsion, and this attraction and repulsion of the two poles of a planet holds itself in equipoise, and keeps other planets in their proper place, and at a proper distance. Thus there can *never* be a collision of worlds, planets, stars or comets, but all must move in proper harmony throughout all time, for this power of attraction overcomes gravitation, and all other power,

and is in fact the *only* natural power of the universe. The sun magnetizes *our* world and makes it a magnet, and the world magnetizes all things on it, air, water, minerals, vegetables, animals, and humans, and these in turn magnetize each other. And thus we, as humans, the highest culmination of all created things, are magnetized by all things *below us* and around us, and we in turn magnetize each other, and this brings us directly to

HUMAN MAGNETISM,

Or the magnetizing of one person by another, as planets and other magnets magnetize each other, and other things; and as man is an epitome of the whole universe, and, like the sun,

MAN'S BRAIN IS A GALVANIC BATTERY,

The spinal cord, with all the nerves, are conductors to conduct the electricity to every part of the body, giving vitality and life to every organ thereof; and man, as a supreme magnet, can, like other magnets, throw out his magnetism from every part of his body, and especially from his eyes and hands, which are the best conductors, and through them he can impart his magnetism to other persons, and the best he has will he give unto them. Peter and John had no money to give the lame beggar, but they gave him such as they had, and that was their own healthy magnetism, and it cured him. And so all other miracles that have been performed in all ages have been done in the same way, it is only necessary to make the *connection* through the eyes

and through the hands, which are the proper conductors of the electricity from the brain, for the subject to be operated upon. Thus the hands are laid on the seat of disease or pain, and making passes down magnetizes the part, and removes the disease. Thus disease has been and is cured by "laying on of hands." The hands conduct better by being wet with water. This magnetism need not necessarily produce sleep, and will not without the subject is in a proper condition for it; but a still-quiet place is needed, where there will be no noisy company to attract and disturb the patient, and prevent the magnetism from having its full power. Thus Peter put out the company before treating the sick one; and to assist cures impressions are made upon the patient's mind, and this is

PSYCHOLOGY,

The science of the soul, or method of mental impressions. These impressions are produced first by getting the magnetic connection, by taking the patient for a few minutes by the hand, pressing your thumb on the nerves of the back of the hand just above the upper end of the third finger, and with the thumb of your other hand pressing on the patient's forehead, just over the organ of individuality, you and the patient both being in a comfortable position and all else quiet, you throw on the magnetism of your brain, set in action by your will power, until the patient is magnetized, and you speak to him and by words make the impression you desire on his mind. This should all be con-

tinued and repeated until it can be well and easily done, then any and all of the wonderful psychological phenomena and amusing fantastic experiments can be produced. If we, for performing surgical operations free from pain, or for any reason or purpose, wish to put them in deeper, so as produce partial unconsciousness, and have better control over them, we should produce the

MESMERIC SLEEP.

This may be accomplished on magnetic and psychological subjects, and on others who are susceptible, by making the magnetic and psychological connection, and further by magnetizing them more with the gentle downward passes, and by making deeper and stronger psychological impressions, by soothing words and gentle passes, their eyes being closed. This may be repeated daily until success is perfect, then any surgical or dental operation can be performed without pain, and any or all of the amusing mesmeric experiments may be performed. This is called

MESMERISM,

From Anton Mesmer, who first brought it into public use as a curative agent. It is only a deeper state of magnetism and psychology combined, and by carrying it further produces

CLAIRVOYANCE,

Or clear mental sight into persons who are susceptible of that condition. But at present that condition is not very often produced, nor at all times with

the same person; and there is a great deal of delusion about the state or condition, and clairvoyants are often *mistaken* and sometimes *deceptive*; yet the state *can* be produced, and sometimes at the first operation, and some are naturally so. Clairvoyance sometimes happens from sickness, as physicians well know; and sometimes in *natural* sleep, as in the case of somnambulists; but more generally clairvoyance is produced by mesmerism. In conclusion I would state that the whole

SECRET (REVEALED)

Of magnetism, psychology, mesmerism, and clairvoyance, is to make the proper and perfect connection between the operator and the operated upon, and this absolute necessity all will see by the same necessity for the perfect connection between the galvanic battery, electro-magnetic machine, (used in the cure of disease,) and the patient operated upon. And in the case of human magnetism the propriety of this perfect connection is seen at once as needed between the manipulator and the subject. And on the part of the patient is needed a passive, quiet, calm, confident frame of mind; and on the part of the operator is needed resolution, assurance, force, energy and perseverance, and a perfect command of self. All these conditions being favorable, success is certain, and this is the whole secret of the *science*.

A COMPLETE METHOD OF MAGNETIZING EVERY PERSON

Is to suspend a small piece of bright shining metal,

a few inches from the eyes, and so that the range of vision to it will be up, let the subject look at it steadily with this *raised* vision, and his eyes will soon become paralyzed, vision obscured, and the patient deeply magnetized, (during the process the eyes may be gently closed by the hand of the operator, as in all cases of magnetism and mesmerism.) This spell does not last long, but sufficient time for any surgical operation, and the patient can be held in the state longer by the magnetic passes.

We will now leave the whole subject with the reader, believing all can understand it; and with a few lessons from a competent teacher, *showing* the full process, any person can become a good operator.

This closes my book, which I commit to the judgment of a discriminating public, hoping that all will comprehend and apply its instructions to the benefit of their own health, and of those around them.

I will add a few committee reports, certificates of patients, and statements of the press, with some statements of the opinions and successes of distinguished physicians, and other learned men in different parts of the civilized world, tending more fully to show the modes of application and success of electricity in the cure of disease, and still more to encourage the reader to confidently apply this great curative agent and nature's remedy for disease.

COMMITTEE REPORTS & CERTIFICATES.

Alleghany City, Dec. 15th, 1851.

A RARE MIRACLE,—and I think all who knew my case will admit the same. The particulars of my case are as follows:—Undergoing a severe and protracted accouchment, by which I sustained severe injuries, and since that time, which is better than eleven years, I have been confined to bed all the time, with the exception of a few days in the warm weather, that I could be up with a supporter on. I have had the most excruciating pains in different parts of my body. I was attended during all this time (eleven years,) by the best physicians the cities and country could afford, but to no purpose. I was afflicted with a complication of diseases—such as Asthma, Dropsy, Dispepsia, Gravel, Neuralgia, Leucorrhea, Scrofula, Liver Complaint, Spinal Affection, Affections of the Kidneys, Prolapsus Uteri and a tumor on the Uterus, with severe darting pains through it, which was assuming the cancer form and discharging foetid matter. I also suffered severe pains in my head, side and back, and a severe cough with loss of appetite and inability to sleep; and eating the weakest diet would give me a severe burning pain in my stomach. After suffering so long, and trying so faithfully to get cured and failing, I was about to give up in despair, and drag out a miserable existence without one ray of hope; but hearing some months ago of the wonderful cures performed by Dr. Campbell, (having seen and heard those he

had cured,) I at last sent for him, and put myself under his treatment. When I at first called him I was laboring under a severe attack of Asthma, which threatened speedy suffocation and certain death. He relieved me in a few hours; and since that time I have been gradually recovering under his treatment. He treated me with Electro-Magnetism, and mild vegetable medicines. I have laid my supporter off, and can walk well without it. My severe bearing down pains have ceased—dropsy all gone—gravel relieved—my extreme coldness, from which I have suffered so much, and the neuralgia pains are well—I sleep soundly—my body is regaining its wonted strength—the affections of spine and kidney are well—the tumor has disappeared—leucorrhea and other discharges stopt—prolapsus uteri well. I begin to feel as I did before I was so severely afflicted. I am now able to do considerable work—eat well, and sleep well. In conclusion, I would say that I have not told half of my sufferings in the last eleven years, nor can I find language to describe my agony; but thanks to the good Lord I am getting relieved from them, and the last vestige is passing away. I would also state, that more than forty years ago, when I was less than five years of age, I had the measles, and took cold in my head, and a bealing in my left ear, which rendered it entirely deaf. I could not hear the loudest sound in that ear ever since, until about a month ago I discovered that the Doctor had cured it also, and the hearing remains good.

Theresa Vanhorn, North Common.

I know the above statement of my mother to be correct.

Wm. A. Vanhorn.

NERVOUS HEADACHE CURED IN TEN MINUTES.

Nearly every week for more than twenty years I suffered the most excruciating pains in my head, all means utterly failed to cure, and I was reduced to a skeleton, and nearly a maniac; finally my husband employed Dr. J. B. Campbell, and he cured me with magnetism in about ten minutes, and I have been perfectly well for more than two years.

MARY J. MILLER,

I fully corroborate my wife's statement.

HENRY MILLER.

Nov. 19, 1859.

Scott St. Covington, Ky.

Cincinnati, March 14, 1859.

I tried inhalations, patent medicines, and many physicians, but all failed to cure me, and I was given up to die (had made my will,) with consumption, but after all this, Dr. J. B. Campbell cured me by electro-magnetism, and I am now perfectly well.

THOMAS CARMAN,

Cor. Eighth and Western Row.

ANOTHER REMARKABLE CURE.

As many of my friends know, I was a sufferer for eight years with some of the most severe of diseases, (among other things *cancer of the womb*,) and for the four last years of my sickness I was confined to the house, and for most of the time to my bed. Nine doctors of the different schools tried to cure me, but all failed, and gave me up to die; then we employed Dr. J. B. Campbell, the eminent medical electrician, he made a correct professional

examination of my case, and better than all, he CURED me, and I still remain well since that time, which is nearly two years.

JANE LONGENECKER,

Cincinnati, Dec. 8, 1859, 174 Longworth Street.

Cincinnati, Dec. 8th, 1859.

With pleasure I certify to the following facts, that for twelve years I suffered most severely with diseases peculiar to my sex, with nervous debility and neuralgia, and all that time doctors were trying to cure me, fourteen had already been employed and had exhausted their skill, and all failed, and I was suffering everything but death itself; at last Dr. J. B. Campbell came to this city, we employed him, and he soon restored me to perfect health, which I still enjoy.

ABIGAIL SADLER.

I fully concur in my wife's statement.

DAVID SADLER.

No. 414 West Fifth Street.

Newport, Ky. Dec. 8, 1859.

We certify that we employed Dr. Campbell to doctor us and our families in Pennsylvania, and also since moving to Newport, and we have known him for many years, and know many of his patients, and can truthfully say we never knew him to fail to cure, no matter how desperate the case; he seems to possess a power more than human. He has done much good in the world, and we hope he will live to do much more.

JAMES JOHNSON.

ROBERT NELSON.

Burnet House, Cincinnati, Sep. 12, 1859.

We take pleasure in stating that we visited Dr. J. B. Campbell, the celebrated natural clairvoyant, of whom we had heard much before, and had him examine us for disease, and on business, and for absent friends; and we must say, though we were entire strangers, that his descriptions were perfectly correct, and both satisfied and astonished us.

THOMAS HAYMAN.

MARIA LOUISA HAYMAN.

Birmingham, Alleghany Co. Dec. 4, 1851.

I hereby certify that my son ROBERT, now 13 years old, was taken with scarlet fever when he was about 15 months old. He was very severely afflicted in the head also with the fever, from which he did not altogether recover; but suffered much from running sores in the ears and deafness. We had to speak very loud to get him to hear at all. His genenal health was bad, and his mind seriously affected.

I employed Drs. M'Dowell and Keer, and two Dr. Kings; also, several other eminent physicians, who all failed to cure him, and said he could not be cured. But I am thankful now to state, that after being treated by Dr. Campbell for the space of ten days, he has been entirely cured, and has been well ever since the first four days' treatment; his health is good in every respect, and he can hear as well as anybody. Our friends say he is well. Our family doctor (Dr. Keer,) says he is well.

I am also much relieved of a nervous sick head-

ache that I was afflicted with for 20 years. I have no doubt that I could have been entirely cured if I could have attended his Asylum a few days longer.

MARGARET FEATHERS.

Present—JAMES ROBINSON.

REMARKABLE CURE OF PHLEGMOSIA DOLENS.

Alleghany City, June 28, 1852.

I hereby make known to the afflicted in general, and to those who suffer as I have done in particular, the speedy manner in which I was cured. My case was one of long and severe suffering; about 26 years ago I was severely attacked with milk leg, which kept inflamed and painful until about 18 years ago, when it became an open sore and very painful; by continual treatment I sometimes got it healed over, but it would not stay healed, and for the last four years, it has been a continual open sore and I could not get it healed, but it continued to spread, and there were large open sores on both sides of my ankle, eating through and very painful; all the various means failed to cure it, and a cure was despaired of, until hearing of the remarkable cures that Dr. Campbell had performed, when there appeared a ray of hope for me. I placed myself under his treatment: the first day he removed all pain, he continued to treat me, and in less than four weeks my ulcers were healed, and still remain well: that was last winter.

PRUDENCE DOUTHET, 2nd Ward.

City of Alleghany, SS.

Personally came before me, an Alderman in and for said City, Prudence Douthet, and on her solemn

oath by me only administered, says that the above statement is just and true to the best of her knowledge and belief. Sworn and subscribed before me this 29th day of June, A. D. 1852.

ANDREW BARCLAY, Alderman.

REMARKABLE CURES BY A REMARKABLE MAN.

DR. CAMPBELL, Professor of Physiology and Physician for the cure of Diseases of Women, has been treating chronic and nervous diseases here with the most complete success. The most appalling diseases disappear before his touch like dew before the morning sun. His thorough knowledge of disease, and his long practice in the relief of human suffering; his superior medical skill, and his almost super-human magnetic power, render him indeed a most remarkable man.—*Alleghany Advertiser*.

HEALING THE SICK.

Dr. CAMPBELL, commonly called "Good Samaritan," has been treating chronic diseases of all kinds here with the most remarkable success. All classes have been benefited, but especially the poor, to whom he gave medical attention without money and without price.—*Kittaning Gazette*.

SUCCESSFUL EVERYWHERE.

We see by our exchanges that Dr. CAMPBELL is successful everywhere as well as in our city. We hear a universal voice in his praise, and take this occasion to add our testimony. We have known Dr. CAMPBELL for many years, and employed him

professionally in our family, where he always gave satisfaction, and we believe him worthy all the praise bestowed on him by press and people.—*Penn. Reform Journal*.

Dr. Campbell, by request, paid a second professional visit to New Albany, Indiana, where he met with great success—hear what the press say of him there.

☞ Dr. Campbell's Health Office is visited by many of our afflicted citizens seeking for health, which is better than wealth; and many are finding it too. The Doctor is said to be very successful in those diseased to which he devotes his attention.—Suffering invalid, if you have not been to see him, go immediately.—*New Albany Ledger*.

HEALTH.

Since Dr. Campbell opened his health office (beside the Post Office,) he has had many applications, and some have already been benefited, and others are encouraged to seek health while so good an opportunity is afforded them. Afflicted reader, go and see him.—*Ibid*.

☞ To-morrow Dr. Campbell starts for Indian Springs, there to enjoy the cooling shades, the pure fountains, and purling brooks of that healthful retreat. He has been very successful here in restoring to health many suffering invalids, who will remember him with gratitude. We are informed that several will follow him to the Springs to pursue his

treatment there. Success to the Doctor. Long may he live!—*New Albany Tribune*.

DR. CAMPBELL uses mild vegetable medicines, pure water, and electricity, all safe and effectual.—*Cincinnati Commercial*.

The great John Wesley said that electricity was a thousand medicines in one, and so it proves to be every day, in Dr. Campbell's practice.—*Cincinnati Enquirer*.

It is really refreshing, amidst the sham, deception and failures in this world, to be able to record something real, which we can now cheerfully do in assuring our readers that DR. CAMPBELL'S Lectures and Advice, and Treatment in Diseases of Females, has been a real benefit to suffering women, and many have been restored to health by him, one of which is our better half.—*New Albany Tribune*.

DR. CAMPBELL, professor of physiology and diseases of women, has visited our city, and done much good for suffering humanity. Many of our acquaintances have been cured by him, after all other means had failed.—*New Albany Ledger*.

DR. CAMPBELL, lecturer and physician for the cure of diseases of females, who has been here for a few weeks, is very successful in curing disease. Many severe cases that had been given up in despair have been cured by him—some in our own family.
—*Alleghany Democrat*.

THE SICK ARE HEALED AND INSTRUCTED HOW
TO KEEP WELL.

DR. CAMPBELL, is delivering free lectures to the people on the laws of health, and curing the sick with remarkable success. Many of the worst cases are brought to him from all parts, and his time and strength is taxed to the utmost. Cure after cure is made with the most astonishing rapidity, yet he still holds out seemingly inexhausted and inexhaustable.—*New Castle Democrat.*

Many more certificates and testimonials might be added, but the above numerous proofs of the most remarkable cures ever performed in any age, are certainly convincing enough for the most skeptical, and admonish the sick everywhere to HOPE, for by this new system every disease can be cured. — And in virtue of that fact health is now proclaimed to all.

DR. S. B. SMITH'S CRYSTAL BATTERY
MAGNETIC MACHINE,

Not only cures disease but extracts teeth without pain. The direct current machine only will effect it.

New York, April 3rd, 1859.

DR. S. B. SMITH:—I have used the direct current of your crystal battery magnetic machine in extracting teeth with the most complete success. I have extracted as many as sixty teeth a day with it, and I would not be without it in extracting teeth for \$500.

DR. R. G. DURKIN, Dentist,
363 Canal Street, New York.

ST. VITUS' DANCE—RHEUMATISM.

A young lady severely afflicted with St. Vitus' Dance, has been effectually cured by your magnetic machine, in thirty days.

Also a lady about fifty years of age who had been afflicted with rheumatism eight years, was cured with nine applications of the machine. I could name many more cases, but must be brief. I have used your machine in my practice about two years, and from experience can say, that when properly applied, it is the best remedial agent I have found.

Dr. S. B. McCULLEN.

Wakefield, R. I. Oct. 13, 1851.

SALT RHEUM IN ITS WORST FORM CURED.

Sir:—About three years ago I purchased one of your magnetic machines, to apply to myself for salt rheum in its worst form. Your machine has cured it. Since which time I have cured a hundred and ninety different cases, and out of the whole, have failed in but one instance.

SARAH BICKNELL.

Danielsonville, Conn., July 16, 1852.

SALT RHEUM OF TWENTY YEARS STANDING.

I was afflicted with salt rheum for twenty years, and was cured by your machine in three days. It has now been four months, and I have had no return of the disease since. I am in better health this spring than I have been for many years, which I attribute wholly to the use of your machine.

DR. SAMUEL VAN WICKLE.

Angelica, N. Y. May. 20th, 1851.

CURES IN MICHIGAN.

Your machine is performing wonderful cures in this neighborhood. The operator charges twenty-five dollars for each cure.

Bertrand, Mich. Dec. 28, 1850. S. W. KING.

NERVOUS DISEASES—ST. VITUS' DANCE—EPILEPTIC FITS OF TWENTY YEARS STANDING.

A patient confined to bed with nervous disease, was cured by a few application of your machine, A girl also was given up to die with St. Vitus' Dance, was cured by four operations of your machine, and another of the same disease of two years standing, was cured by five operations.

A distressing case of epileptic fits of twenty years standing.—George Crane, of Martinsville, Indiana, aged 43 years, has had epileptic fits over twenty years. I began to operate on him with your Magnetic machine in March, 1850, and since April 1, up to this time, fifteen months, he has had no fits, nor even symptoms of any. His reason was much impaired, of which he is gradually recovering. His health was so poor that he was unable to work; now his general health is good, and he works regularly. No other means were used but the machine. I have a list of other equally remarkable cures effected by your machine.. C. MORLEY.

Nashville, Ind. July 1, 1851.

INFLAMMATION OF THE LUNGS—TYPHOID FEVER—
INFLAMMATORY RHEUMATISM.

I have been using your magnetic machine for

the last year, and I must say that language is too feeble to describe the virtues contained in it in curing diseases.

I have cured with it a case of inflammation of the lungs, and raised the patient from the point of death. The cure was thought a miracle. I have cured severe cases of typhoid fever, inflammatory rheumatism, and neuralgia with your machine. These are only the drop of a bucket to what I could send you did time allow.

DR. T. A. STEWART.

Avoca, N. Y. Dec. 12, 1852.

VALUE OF THE MACHINE.

I would not take \$50 for your machine, if I could not get another.

J. G. BRAUGHTON.

Oil Mills, Ky. Sept. 20, 1850.

If every doctor in North Carolina would promise to attend to me and my family free of cost, if I must give up the machine, I would reject the offer.

D. MCPHERSON.

Smithfield, North Carolina, June 19, 1852.

I would not be without your machine at a cost of \$100.

JOHN D. GRISWOLD.

Avoca, Steuben Co. N. Y. Dec. 15, 1852.

I have used your machine in my practice two years, and from experience can say, that, when

properly applied, it is the best remedial agent I have found.

DR. J. B. McCULLEN.

Wakefield, R. I. Oct. 13, 1851.

Nearly all the physicians in this region have some sort of a machine. Some of one make, and some of another; but all who have seen yours, have expressed a decided preference for it.

Kennebunk, Me. Feb. 25, 1848. S. C. REDLON.

In answer to your inquiry of me, what I thought of your magnetic machine, I assure you that it far surpasses any Electro-magnetic instrument we have ever tried. I find it free to run, and have never known it to be out of order.

DR. WM. MILLER.

374 Broome street, N. Y. Sept. 14, 1847.

EPILEPTIC FITS.

The following is an extract of a letter from Dr. J. Hoffman, dated Huntingdon, Pa. Mar. 15, 1849.

“One surprising circumstance has been effected by the application of the galvanic battery: a young woman, twenty-seven years old, was cured of spasms which had afflicted her for near ten years. She was subject to upward of fifty spasms every day, some so violent as to throw her out of bed. The noise of a dog barking, a fowl cackling or crowing, the sound of a cow-bell, or the bellowing of a cow, or almost any trifling noise, would bring on spasms which would last sometimes two or three hours, at other times not so long. This young woman had one of her legs amputated five years since, on ac-

count of a disease in her foot, which was supposed to be the cause of her spasms. It did relieve her of the spasms for several months, but they returned again; and it required some person to be with her to help her to turn in bed, so much was she disabled. She can now write, and is teaching school.

Yours, J. HOFFMAN.

The following is an extract of a letter from Dr. Samuel Carpenter, dated Providence, R. I. Feb. 16, 1850.

"Dear Sir: A man came to me a few days since, who had had fits fifteen years, once a month. For two years past they have occurred twice a week; and during the last six months he has been afflicted with them every week. The first operation of your machine broke up the fits, and he has had none since.

SAMUEL CARPENTER."

NEURALGIA.—AFFECTION OF THE HEART.—
PARALYSIS. .

Keene, N. H. June 8, 1849.

I have cured, in this place, by electro-magnetism, two cases of facial paralysis, two of aggravated neuralgia, of years standing, one severe affection of the heart of six years standing, and pronounced incurable by eminent and far-famed doctors of this place.

Yours, truly, Prof. G. R. STARKEY.

PALSIED LIMBS.

Dear Sir—I have cured a case of palsy by the use of your machine, a case of *paraplegica*. The

lady was 76 years of age. She can at this time walk where she chooses, and use her hand to do any of her domestic concerns, as well as she ever could.

Yours, very respectfully,

JOHN H. ESTES.

Green Hill, Campbell Co. Va. June 15, 1849.

The following is an extract of a letter from H. Alexander, P. M.

Callensburg, Armstrong Co. Pa.

September 10, 1849.

Dear Sir:—I think I will be able, in a short time, to bring your machine into notice in this section of country, as the one I got from you has cured a number of persons of fits, palpitation of the heart, and nervous diseases, etc. Physicians are begining to recommend them in all nervous diseases.

Respectfully yours, H. ALEXANDER.

TOOTHACHE.

For the toothache, let the right conductor be placed on the tooth itself. This can be done by holding a teaspoon against the end of the conductor, and applying the small end of the spoon to the tooth. In doing this, it will be necessary to prevent the spoon from being in contact with the hand that holds it. This is easily effected by holding it against the conductor with any insulating substance between the conductor and the hand, such as a silk handkerchief or a piece of dry muslin. Let the left conductor be placed on the facial nerve, on the lower

jaw, just below the ear. Power moderate, from five to twenty minutes. Sometimes a cure is effected in half a minute or less; at other times it has been applied during an hour and a half, and with a strong power, before a cure was effected.

CONCLUSIVE EVIDENCE.

Physicians and others who have employed electricity in the cure of disease, speak from experience and know what they say.

The electro-magnetic machine is especially useful in diseases of the chest, and in preventing the formation of consumption. This it does by arresting the development of the tubercles, and causing those already formed to be absorbed. "Difficult respiration from every source, excepting from the organic region, may be treated by galvanism with great success."—DR. CHANNING.

"Palpitation of the heart, the result of irregular action, is a good subject for electrical application. A feeble current should pass from the spine to the chest, so as to traverse the heart."—MEDICAL ELECTRICITY.

Watson Philips after using magnetic electricity in hundreds of cases of asthma, concludes it to be above all other remedies, and says, "the breathing generally becomes easy in from four to fifteen minutes." The presence of a severe cough does not contra-indicate the use of galvanism, but on the other hand the cough was relieved by the removal of the phlegm, which took place in consequence of its

application. "The observation of numerous practitioners, combine in placing electricity among the best remedies ever employed in asthma."—ELECTRO-PHYSIOLOGY.

"The function of digestion and menstruation, are under the special influence of galvanism."—FISHBOUGH.

"Galvanism possesses the power of speedily stimulating the bilious secretions. I have seen the same effect upon the biliary secretion, which arises from calomel, a copious bilious discharge coming on from the bowels within a few hours after its employment."—DR. PHILIP.

"All functional dyspepsia may be cured by the influence of electricity on the warmth and vital secretions of the stomach."—NEW YORK JOURNAL OF MEDICINE.

"Chronic diseases of digestion are just adapted to electrical treatment."—HUFF.

"There is in chronic cases of constipation, excessive dryness, not only of the fæces, but of the mucous surface of the intestines. This state is speedily remedied by electricity, the secretions being announced in a few days."—DEWEES.

"It is perhaps a bold assertion that few cases of constipation will resist the action of electricity, but my extensive experience leads one to infer that in all cases except those arising from organic or mechanical causes, this agent will not only act as an aperient, but give such tone to the muscular tonics as will in time lead to the natural discharge of their functions."—DR. WM. CHANNING, OF EDINBURGH.

“In suppression of the menses, galvanism is certainly the most effectual emenagogue.”—DEWEES.

“In the most frightful cases of tonic spasm, galvanism has proved a perfect charm.”—DEWEES.

“Electro-galvanism is an agent which produces absorption quicker than any medical means that we are acquainted with.”—E. W. SUSON.

“In many cases of violent constipation, the influence of galvanism was remarkable.”—BULLETTINO DELLO SCIEN. MED.

Sufficient evidence has been brought forward. I trust, to lead to investigation; which will surely build up a beautiful philosophy of health and disease on the basis of electricity. History shows that the progress of truth has ever been slow. When the great Bacon, and Harvey, Gallileo, and Jenner first announced their immortal truths, they were assailed in every form. From every quarter started darts of bigotry and malevolence, hatred and envy, and even the medical profession placed them beyond the pale of her order. But with the march of time, the genius of truth soon threw the veil of oblivion and infamy over the memories of their vile scoffers and ignorant persecutors, whilst the noble philosophers will ever live in the memories and hearts of humanity.

I take leave of this subject with a firm conviction that the Electro-Hydric Practice forms a complete scientific system of treatment, reaching above and beyond the cavil of skeptics and the frowns of interested opponents, and will universally prevail.

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